Universities Council of British Columbia

Twelfth Annual Report
for the year ended March 31, 1986

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25 August 1986

Hon. Russell G. Fraser
Minister
Ministry of Post-Secondary Education
Parliament Buildings
Victoria, B.C.
V8V 1X4

Dear Mr. Minister,

I have the pleasure of submitting to you, in accordance with section 73(1)(a) of the ***University Act*** (1979), the Twelfth Annual Report of the Universities Council for the year ended 31 March 1986.

The statistical tables in Council's Report are widely used in the higher education community. Given the increasingly diverse audience, the format of the prose sections has been modified to emphasize more the themes and issues of the past year and to downplay the administrative processes whereby they came before Council. I trust these changes will enhance the Report's usefulness and better communicate the essence of Council's work.

During this year Council issued a planning report, ***Facing Tomorrow's Needs in Higher Education: British Columbia University Education into the 1990's*** which examines the current state of higher education in British Columbia. Foremost among its recommendations are requests for a triennial understanding with Government on funding levels and for the establishment of an advisory mechanism to review academic priorities. This academic priorities review would map out future program development in a manner which integrates, as practically as possible, the universities' aspirations and the Government's objectives. Council is proceeding to pursue these and related objectives arising from the Report in consultation with the universities and the Ministry.

Sincerely,

George L. Morfitt, F.C.A.
Chairman

Universities Council of British Columbia, Ste. 500, 805 West Broadway, Vancouver, B.C. V5Z 1K1 · (604) 872-0245

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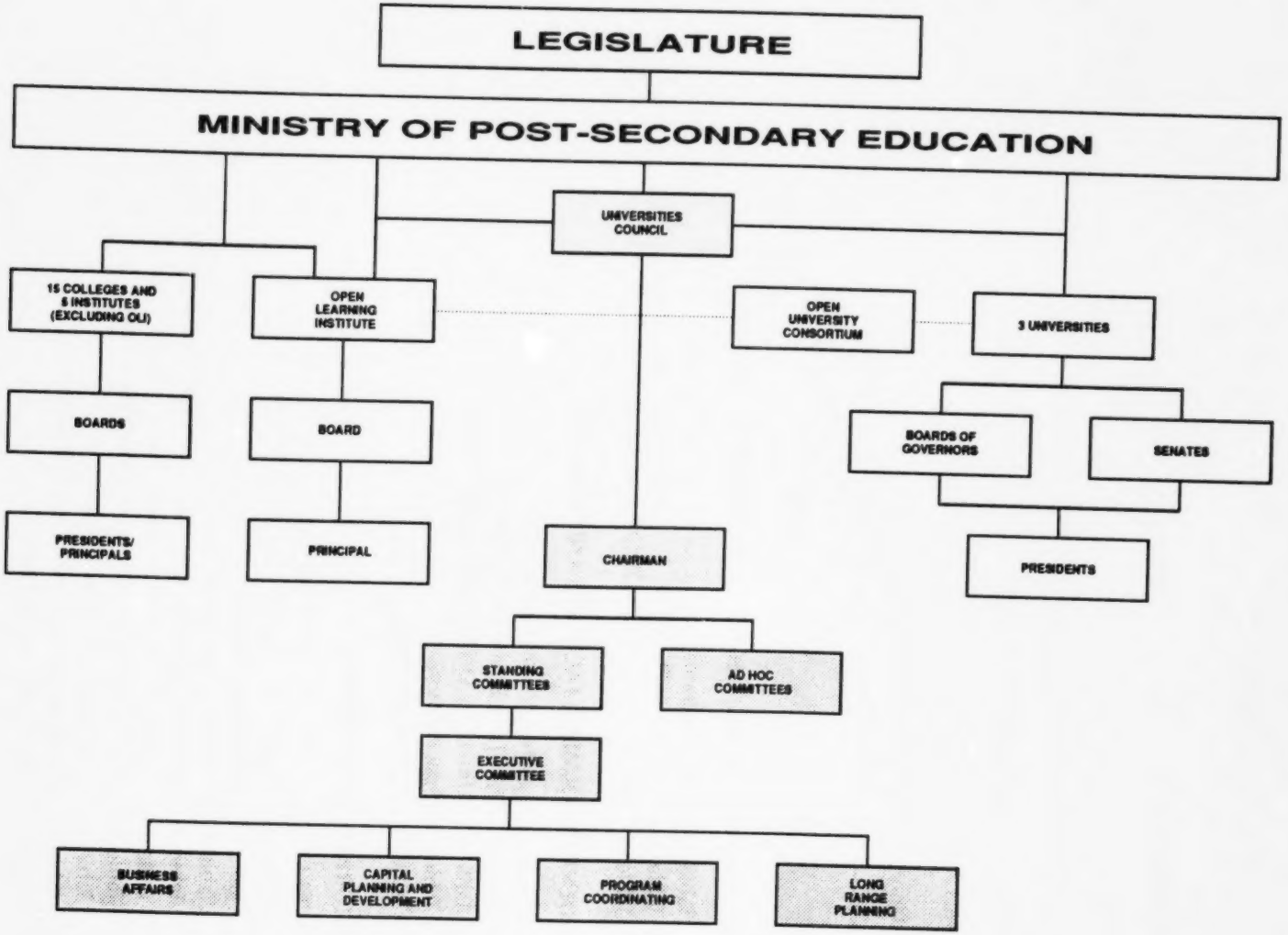


Position of the Universities Council in the Governance of Post-Secondary Education in British Columbia

THE COUNCIL

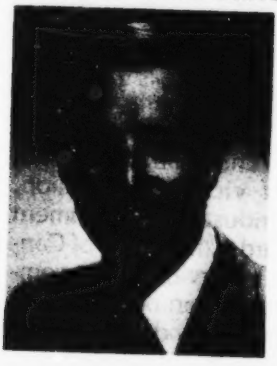
The Council

The Universities Council is an independent Crown agency established subsequent to the proclamation of the *Universities Act* (1974), later renamed the *University Act* (1979). In 1978, through Order-in-Council, the Council received its autonomous legal status and accordingly has developed its own administrative procedures.

The position of the Universities Council in the governance of post-secondary education in British Columbia is illustrated in the accompanying chart. The Council serves as an intermediary body between British Columbia's three public universities and the provincial government. Its purpose is to promote the systematic development of university education and to create public accountability for university expenditures.

The Council is composed of eleven members, including its Chairman. Members are appointed by the Lieutenant-Governor-in-Council; however, no Council member can simultaneously serve as representative of government, as a university employee or student, or as a public servant in the Ministries of Universities or Finance. Members' terms of appointment are for three years, and are renewable for a similar period.

Members of the Universities Council

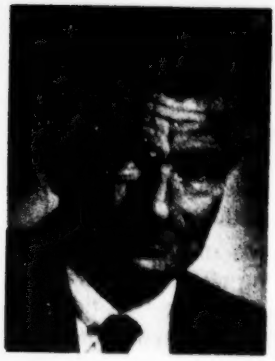


George L. Morfitt, B.Comm.(Brit.Col.), F.C.A.
Chairman

A chartered accountant, Mr. Morfitt is executive vice-president of The Diamond Group. A member of the Board of Governors at The University of British Columbia from 1975 to 1981, he served as its chairman in 1977/78. Mr. Morfitt is a former governor of the B.C. School of Chartered Accountancy and of the Institute of Chartered Accountants of Canada, a past president of the Institute of Chartered Accountants of B.C., past chairman of the Sports Fund Advisory Committee to the Provincial Government and a former alderman for the Municipality of West Vancouver. Mr. Morfitt was appointed to the Council in 1981.

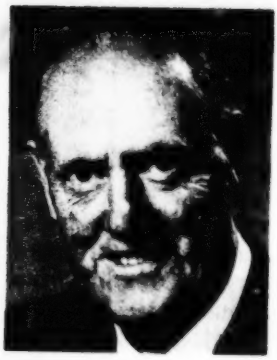
David A. Freeman, Q.C., B.A.(Brit.Col.),
Vice Chairman

Mr. Freeman is a senior partner of the law firm of Freeman & Company. A graduate of Osgoode Hall, he has practised law since 1936 and was appointed Queen's Counsel in 1969. He is on the Executive Committee of the B.C. Branch of the Bar Association; he has been chairman of the Executive Committee of The British Columbia Research Council and served on the Senate of The University of British Columbia. Mr. Freeman is the co-chairman of the Canadian Council of Christians and Jews, and a past president of the Vancouver Institute and of the University Club of Vancouver. Mr. Freeman was appointed to the Council in 1978.



Samuel Belzberg, B.Comm.(Alta.)
(until February 1986)

A resident of Vancouver since 1968, Mr. Belzberg is chairman of the Board of First City Trust Company and chairman and chief executive officer of First City Financial Company Ltd. In addition to many and varied business activities, Mr. Belzberg has been committed to a wide range of cultural, educational and philanthropic undertakings on a national as well as international level: e.g. Dystonia Medical Research Foundation, the Los Angeles Simon Wiesenthal Center for Holocaust Studies, Canadian Society for the Weizmann Institute of Science, Canada-Israel Foundation for Academic Exchanges, Friends of Haifa University, Rockefeller University Council. Mr. Belzberg was appointed to the Council in 1980.



S. Joseph Cunliffe, C.M., B.A.Sc.(Brit.Col.), Hon. LL.D.(U. of Vic.), F.E.I.C., F.C.S.C.E., P.Eng.

Dr. Cunliffe, a consulting engineer, is Chairman of the Board of Directors of De Leuw Cather, (Canada) Ltd., and Chairman of Willis, Cunliffe, Tait and Company Ltd. He is a Fellow of the Engineering Institute of Canada, a Fellow of the Canadian Society for Civil Engineering and past president of the Association of Counsulting Engineers of Canada. Appointed to the Board of Governors at the University of Victoria in 1971, he served as its chairman from 1973 to 1981. He is currently chairman of the Board of Directors of the University of Victoria Foundation, chairman of the Construction Industry Development Council and a member of the Board of Directors of Canada Harbour Place Corporation. In service to the community, Dr. Cunliffe has been a chairman of the City of Victoria Advisory Planning Commission and was active in the development of the Victoria YM/YWCA and the Victoria Art Gallery. Dr. Cunliffe was appointed to the Council in 1981.

Alan M. Eyre, B.A.Sc.(Brit.Col.), P.Eng.

Mr. Eyre was a founding member of the Board of Governors at Simon Fraser University and subsequently served on the Board of Governors at The University of British Columbia. He was a member of the Universities Council's predecessor, the Financial Advisory Board. Mr. Eyre is past chairman of the Greater Vancouver Advisory Board to the Salvation Army and a lay representative on the Council of the Institute of Chartered Accountants of British Columbia. He is president of Dueck Chevrolet Oldsmobile Cadillac Ltd. and its affiliated companies. He is also director of a number of local and national companies. Mr. Eyre was appointed to the Council in 1980.

Rendina Hamilton, Q.C., B.A.(Tor.), LL.B. (Brit.Col.)

Mrs. Hamilton has practiced Law in Vancouver and Penticton and was appointed Queen's Counsel in 1983. She is presently a trustee of the Discovery Foundation for High Technology, a director of B.C. Telephone Company, of London Life Insurance Company and is on the advisory board of Royal Trust Company. Mrs. Hamilton is a past director of the Registered Nurses Association, past chairman of the Central Okanagan Advisory Committee to Okanagan College, past president of the B.C. School Trustees Association and a former member of the Board of Governors at The University of British Columbia. Mrs. Hamilton was appointed to the Council in 1979.

Peter S. Hyndman, B.Comm. (Hon.) (Alta.), LL.B. (UBC)

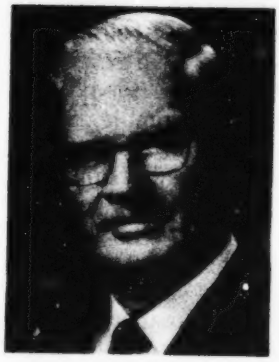
Mr. Hyndman, who was a Harvard Know Fellow, is a practising lawyer in Vancouver with extensive experience in government and public affairs. He has served as a lecturer at The University of British Columbia, Simon Fraser University, and the Banff School of Management and was instrumental in establishing the first university student legal aid clinic in British Columbia. A keen environmentalist, he was a founding director of the B.C. Steelhead Society and the Pacific Salmon Society and was active in the campaign to save the Skagit Valley. Elected to the Legislature as M.L.A. for Vancouver South in 1979, he served as Minister of Consumer & Corporate Affairs in 1981 and 1982. From 1967 to 1972 he served as Secretary-Treasurer of the Vancouver Bar Association, and is currently co-chairman in British Columbia of the Law For the Future Fund. Mr. Hyndman was appointed to the Council in 1984.

William J. McArthur, C.D., B.Sc.(Brit.Col.), M.D. (W.Ont.), D.P.H.(Toronto), F.R.S.T.M. & H.

Dr. McArthur is a physician who practices primary care geriatrics and is a member of the teaching staff at Shaughnessy Hospital. He served as British Columbia's first Chief Coroner from 1979 to 1981. Prior to that he was a research and development scientist in aerospace and environmental medicine, an aircraft accident investigator and an active fighter pilot in the Royal Canadian Air Force/ Canadian Forces. He represented Canada on various N.A.T.O. and Allied Committees, including the Advisory Group on Aerospace Research and Development (AGARD), Committee on Aviation Medicine and on the Joint Committee on Aviation Pathology (Canada, U.S., U.K.). He was for some years Secretary of the Canadian Defence Research Board Committee on Aviation Safety and is a past President of The International Society of Air Safety Investigators. Dr. McArthur was appointed to the Council in 1985.

Ray Parkinson, B.A.(Hons.), M.D.(Brit.Col.), C.R.C.P., F.R.C.P.

Dr. Parkinson, a Vancouver psychiatrist in private practice, is a former member of the provincial Legislative Assembly. He was appointed to the Board of Governors at Simon Fraser University in 1973, serving as its chairman from 1978 to 1981. Dr. Parkinson was chairman of the Vancouver Maritime Museum, a trustee of the Vancouver Museums and Planetarium Association. He is now a trustee of Discovery Foundation for High Technology and is on the Board of the Vancouver Maritime Museum and Save Our Parkland Association. Dr. Parkinson was appointed to the Council in 1981.



G. Neil Perry, B.A.(Brit.Col.), M.P.A., A.M., Ph.D.(Harvard), LL.D.(Brit.Col.)

Dr. Perry is a retired economist, administrator and academic, a former deputy minister of Education (1965-70), dean of Commerce and Business Administration and vice president at The University of British Columbia. In addition, he was director of the School of Public Administration at the University of Victoria. He has also held several senior posts in the World Bank and the International Monetary Fund, and was assistant deputy minister of Manpower and Immigration for Canada (1970-73). Dr. Perry was appointed to the Council in 1978.

John T. Sample, B.A., M.A., Ph.D. (Brit.Col.)

Dr. Sample is Executive Director of the Secretariat on Science, Research and Development. He is the past director of TRIUMF and a former chairman of the Department of Physics at the University of Alberta. He is a member of the Canadian Association of Physicists, the American Physics Society, the American Institute of Physics, the Canadian Research Management Association, and the Board of Directors of Pacific Isotopes and Pharmaceuticals Ltd. Dr. Sample was appointed to the Council in 1982.

The Staff

Secretary to Council — Lee Southern, B.A., M.A. (Man.), Ed.D.(Brit.Col.)
Academic Officer — Monique Layton, B.A., M.A., M.A., Ph.D.(Brit.Col.)
Financial Officer — R.A.(Sandy) Watson, B.A. (W.Ont.), C.A.
Research Officer — J. Robert Cowin, B.A. (Brit.Col.), M.P.A. (U. of Vic.)
Librarian (part-time) — Liisa Riesen-Tella, B.A., M.L.S. (Brit.Col.)
Administrative Clerk — Karen D. Reay
Typist — Sharon L. Watson

The Library

The Council library houses a specialized collection of publications on higher education administration and governance, institutional planning, program development and evaluation, finance, research, educational economics and manpower planning. The library collects published monographs, reports from councils and commissions of higher education, federal and provincial government publications, core journals in the field of higher education, and calendars from Canadian universities and B.C. colleges and institutes. In addition, the library receives documents from the three B.C. universities, including Board and Senate minutes and documents, and the newspapers of the universities and their student bodies. The collection comprises about 3,000 volumes, 110 journal titles, 150 subject files and 700 reports on microfiche.

The library serves primarily the Council, its committees, staff and consultants, but is open to the public by appointment. The acquisitions of the Council library are compiled in a *Quarterly Acquisitions List*

STANDING COMMITTEES OF THE UNIVERSITIES COUNCIL

Long Range Planning Committee

Facilitates, as a committee-of-the-whole, discussion on institutional roles, academic objectives, and long range financial and academic planning for the public universities of British Columbia.

Membership

Chairman:
David A. Freeman, Q.C.

Universities Council Representatives:
All Members of Council

Institutional Representatives:
Ronald R. Jeffels, Principal, Open Learning Institute
Dr. R.H.T. Smith, President *pro tem*, The University of British Columbia (to January 1986)
Dr. David W. Strangway, President, The University of British Columbia (from January 1986)
Dr. William G. Saywell, President, Simon Fraser University
Dr. Howard E. Petch, President, University of Victoria

Staff Representative:
Dr. Lee Southern

Program Coordinating Committee

Advises Council on all matters pertaining to academic programs.

Membership

Chairman:
Mrs. Rendina Hamilton, Q.C.

Universities Council Representatives:
David A. Freeman, Q.C.
Dr. John T. Sample

Institutional Representatives:
Dr. Dan Birch, Vice President Academic, The University of British Columbia
Murray Fraser, Q.C., Vice President Academic, University of Victoria
Dr. George Ivany, Vice President Academic, Simon Fraser University
Dr. Ian Mugridge, Dean of Academic Affairs, Open Learning Institute

Staff Representative:
Dr. Monique Layton

Business Affairs Committee

Advises Council on financial matters with primary emphasis on the budgets of the universities.

Membership

Chairman:
George L. Morfitt (to September 1985)
Dr. Ray Parkinson (from September 1985)

Universities Council Representatives:
Samuel Belzberg (to February 1986)
David A. Freeman, Q.C.
Peter S. Hyndman

Institutional Representatives:
Dr. Dan Birch, Vice President Academic, The University of British Columbia
Dr. Bruce Gellatly, Vice President Administration and Finance, The University of British Columbia
Dr. George Ivany, Vice President Academic, Simon Fraser University (from January 1986)
Robert W. McQueen, Vice President Finance, University of Victoria
Dr. Howard E. Petch, President, University of Victoria
Dr. Ernest M. Scott, Vice President Finance, Simon Fraser University
Sid Segal, Bursar and Dean of Administration, Open Learning Institute
George Suart, Vice President Administration, Simon Fraser University (to January 1986)

Staff Representative:
R.A. (Sandy) Watson

Capital Planning and Development Committee

Advises Council on all matters pertaining to universities' capital expenditures.

Membership

Chairman:
Dr. S. Joseph Cunliffe

Universities Council Representatives:
Alan M. Eyre
Dr. William J. McArthur (from May 1985)
Dr. John T. Sample

Institutional Representatives:
William DeVries, Executive Director, Administrative Services, Simon Fraser University (from January 1986)
Dr. Bruce Gellatly, Vice President Administration and Finance, The University of British Columbia
J. Trevor Matthews, Vice President Administration, University of Victoria
Robert W. McQueen, Vice President Finance, University of Victoria
Dr. Ernest M. Scott, Vice President Finance, Simon Fraser University
George Suart, Vice President Administration, Simon Fraser University (to January 1986)

Corresponding Member:
James H. Reed, Manager, University Services, Ministry of Post-Secondary Education

Staff Representative:
J. Robert Cowin

AUDITED FINANCIAL STATEMENTS

Morgan & Company

Chartered Accountants

1210 - 675 West Hastings Street
Vancouver, B.C. V6B 1N2
Telephone (604) 687-5841

AUDITORS' REPORT

The Members
Universities Council

We have examined the statement of financial position of the Universities Council as at March 31, 1986 and the statement of changes in operating fund balances for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Council as at March 31, 1986 and the results of its operations for the year then ended in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Vancouver, Canada

June 18, 1986

Chartered Accountants

UNIVERSITIES COUNCIL
STATEMENT OF FINANCIAL POSITION
MARCH 31, 1986

	1986	1985
ASSETS		
Cash	$ 16,864	$ 16,335
Short term deposits	130,000	130,000
Account receivable		17
Furniture and equipment (Note 1)		
	146,864	146,352
Funds held for external organizations and others (Note 4)	23,012	96,128
	$169,876	$242,480
LIABILITIES		
Accounts payable	$ 16,459	$ 22,082
Unexpended funds held for external organizations and others (Note 4)	23,012	96,128
UNEXPENDED OPERATING FUNDS		
Fund balances:		
Unappropriated	24,349	18,439
Appropriated	106,056	105,831
	130,405	124,270
	$169,876	$242,480

Approved by:

Chairman

Vice Chairman

UNIVERSITIES COUNCIL
STATEMENT OF CHANGES IN OPERATING FUND BALANCES
FOR THE YEAR ENDED MARCH 31, 1986

	1986	1985
REVENUE		
Grant - Province of British Columbia	$530,700	$530,700
Interest earned	12,151	15,617
	542,851	546,317
EXPENDITURE		
Recurring		
Members' per diems	52,025	63,850
Employees' remuneration	255,142	251,599
Employee benefits	38,082	35,429
Travel, meetings and conferences	31,464	45,474
Administrative, office and library	47,462	48,838
Office rental	80,946	80,306
	505,121	525,496
Non-recurring		
Fees - independent consultants	9,000	10,116
Grants and subsidies	3,040	25,010
Furniture and equipment (Note 1)	304	4,853
One time payment - continuing staff	3,476	5,086
	15,820	45,065
	520,941	570,561
EXCESS (DEFICIENCY) OF REVENUE OVER EXPENDITURE	21,910	(24,244)
UNAPPROPRIATED FUND BALANCE, beginning of year	18,439	42,683
Appropriation - equipment renewal (Note 2)	16,000	-
UNAPPROPRIATED FUND BALANCE, end of year	$ 24,349	$ 18,439
APPROPRIATED FUND BALANCE, beginning of year	$105,831	140,745
Appropriation - equipment renewal	16,000	-
Expenditure - Strategic Planning Project	15,775	34,914
APPROPRIATED FUND BALANCES, end of year	$106,056	$105,831

UNIVERSITIES COUNCIL OF BRITISH COLUMBIA
NOTES TO FINANCIAL STATEMENTS
MARCH 31, 1986

1. SIGNIFICANT ACCOUNTING POLICIES

a) Furniture and equipment
Office furniture and equipment purchases are charged to expenditures when acquired. The cumulative cost of office furniture and equipment charged to expenditures since November 1, 1978 amounts to $54,422 (1985 - $54,118)

b) Appropriated fund balance
Unexpended operating funds are appropriated from time to time to provide for specific expenditures to be incurred in future periods.

2. APPROPRIATIONS

An appropriation for equipment renewal of $16,000 was established in 1985/86 to assist with future equipment needs and the implementation of an operating cost savings program associated with equipment purchases in lieu of leasing arrangements.

3. INCOME TAXES

The Universities Council is an agent of the Crown in right of the Province of British Columbia. As such no income taxes are payable.

4. FUNDS HELD FOR EXTERNAL ORGANIZATIONS AND OTHERS

The Universities Council acts as recipient and disbursing agent of grant funding provided by the Ministry of Universities, Science and Communications for certain external organizations and for designated projects or activities.

During the past year, the Universities Council as an agent of the Crown of the Province of British Columbia received $8,424,000 of private contributions for university funding and remitted these funds to the designated provincial universities.

5. COMMITMENT

The Universities Council has leased realty at an annual cost of approximately $75,000 to September 30, 1989.

6. STATEMENT OF CHANGES IN FINANCIAL POSITION

A Statement of Changes in Financial Position has not been prepared as its inclusion with these financial statements would not be meaningful.

COUNCIL ACTIVITIES

The *University Act* (1979) charges the Universities Council with a set of responsibilities related to the institutions' finances, the coordination of their academic activities, and the planning of educational development for the system as a whole.

To accomplish these tasks Council generally relies on its four standing committees, which are composed of Council members and senior university officials, and whose administrative and research activities are performed by Council's professional staff. Occasionally, Council retains consultants for highly specialized assistance.

Early in 1986, Council released its planning report, *Facing Tomorrow's Needs in Higher Education. British Columbia University Education into the 1990's*. At year end Council's committee structure was under review in response to its planning report.

This section reports financial and academic developments, plus background issues, which over the past year have influenced the activities of Council. They are considered in the context of system planning and coordination.

FINANCIAL: Operations

Operating budget

The annual operating budget, developed by the central administration of each university and approved by the universities' Board of Governors, carries out the policies and goals of the university. Constructed within the bounds of known or expected revenues, the annual expenditure budget indicates plans for the acquisition and allocation of financial and staff resources in accommodating planned levels of enrolment and in providing for research and for community service. The current year's operating budget plan also serves as the reference and base for the universities' annual grant submissions to Council and to government for the ensuing fiscal year.

Since operating grants from the provincial government account for 80 percent or more of operating revenues exclusive of sponsored research, the universities have repeatedly stressed the need for some form of grant funding predictability to enhance their financial planning.

In its advice to government, Council has advanced the concept of a triennial understanding with government whereby minimum annual funding levels would be known in advance and the universities would indicate the maximum number of students to be accommodated within the announced multi-year level of funding.

In February 1986, the government announced a three-year Fund for Excellence in Education (FEE) to finance two areas of spending, namely: adjustments to the regular operating budgets and special initiatives. Later, the Estimates confirmed the general operating grant for 1986/87 to be identical to the base grant of $271.6 million for 1985/86. This 1985/86 operating grant was reduced from the $285.9 million level of 1984/85; however, as separately noted, the government Estimates for 1985/86 included a $14.9 million University Adjustments Program (UAP) appropriation.

University Adjustments Program (UAP)

Following the announcement of the provincial government's restraint program in February 1982, the university operating grant support has been reduced annually in absolute dollars from 1982/83 levels. Accommodating these absolute reductions has been a major university management preoccupation in recent times, particularly since university expenditure levels in the short run tend to be relatively fixed because of commitments to existing faculty and students.

For 1985/86, the 5 percent reduction in the general purpose operating grant was counter balanced by a University Adjustments Program (UAP) appropriation. Council's advice on its allocation among the universities was sought and subsequently accepted by government.

The allocations of the $14.9 million UAP appropriation included Council recommended components for Faculty Adjustments ($10.9 million), for Research Quality ($1 million), for System Cooperation ($.5 million) and for the government's commitment to the Engineering Education Expansion project ($2.5 million supplement beyond the $2.0 million from the Other Operating Contributions appropriation).

For 1986/87, the Minister's announced appropriations in February 1986 to universities of $13.1 million from the Fund for Excellence incorporated elements of the UAP funds provided in 1985/86. Council will be allocating these funds among the universities and further appropriations are anticipated in 1986/87.

Faculty Adjustment Fund (component of UAP)

The largest component of the UAP appropriations, the Faculty Adjustment Fund, assists the universities in adjusting their faculty and staff complements to accommodate planning goals in relation to reduced levels of funding. The approaches, initiated at the discretion of each university president, include early retirements and termination, faculty renewal including new hirings, and special merit compensation for faculty members.

A consultant's report to Council on early termination programs and procedures at the three universities was submitted to the Minister in late fall 1985, along with a Council staff statistical report on early termination arrangements approved to date.

Operating Grant Allocation

Council allocates among the universities the general purpose operating grant provided by the provincial government. In recent years, with the total grant being either static or reduced, Council's allocations have reflected a continuation of previous grant shares, with adjustments recognized in 1985/86 through the UAP.

At year end, with the knowledge that the total general purpose operating grant for 1986/87 would remain unchanged, the appropriateness of continuing the existing grant shares was expected to be an allocation issue for 1986/87.

University Data Bank

Each British Columbia university maintains considerable data descriptive of its operations. In order to bring together much of this information, and readily available information on Canadian universities in other provinces, the concept of a university data bank for British Columbia has been under consideration. The initial work undertaken by the financial vice presidents in developing a set of common data elements for the British Columbia universities culminated in 1985/86 with a trial submission using 1984/85 data. Identified by university and in total for the system, this information represents a start on the development of the data bank. It follows revisions by each of the universities in their year end financial statement presentation to accord with national guidelines.

At year end, further development work was underway on the data bank including the preparation of a comprehensive index of data and sources, explanatory notes, definitions and terminology.

FINANCIAL: Capital

Public Works and Renovations

The proper maintenance of the existing investment in university physical plant is, in Council's opinion, the greatest capital need of the universities. After three years of annual funding of $4.0 million for the university system, provincial funding for Public Works and Renovations rose to $5.4 million in 1985/86. While this annual level is less than the

$6 million to $12 million which typified the late 1970's and early 1980's, it nevertheless represents a reversal of recent trends in funding levels. As in the past, Council recommended an allocation of these funds among the three universities.

The provincial government has recognized the potential problems of deferred maintenance in the universities and, with some assistance from Council, the Ministry prepared a short, internal report on the need for Public Works and Renovations funding. In order to document better this need at each university, the Capital Planning and Development Committee suggested that a capital renewal study recently completed at UBC might be extended to the other two universities. Council concurred with this suggestion and made arrangements for a consultant from UBC to extend the study to SFU and UVic during the first six months of the 1986/87 fiscal year.

Proposed New Facilities

Simon Fraser University submitted a proposal for a $17.3 million Applied Science Building which would provide 60,000 net assignable square feet of offices, laboratories, and classrooms for computing science and engineering science. Council recommended that SFU receive funding in the amount of two percent of the estimated total cost of the project to develop sketch plans, refine cost estimates, and generally proceed with planning for the facility. Such funding was not forthcoming during the 1985/86 fiscal year.

Ancillary Projects

Ancillary operations, such as residences, bookstores, and food services, are financially self-supporting units of the universities. As such, they do not receive direct government funding for facilities. Nevertheless, the provincial government is able to assist ancillary operations indirectly at no cost to itself by enabling universities to access money markets at favorable rates of interest. The government acts as an intermediary, enabling universities to construct facilities for ancillary operations with money borrowed at rates below those which the universities could arrange on their own.

During 1985/86, the government assisted SFU in borrowing $3.85 million towards the $4.15 million cost of a 200 bed residence. It assisted UBC in borrowing $9.4 million towards the $9.7 million cost of the 158 unit (mainly two bedroom units) Acadia Family Housing project. In addition, UBC used this avenue to borrow up to $3.0 million for parking lots and $1.3 million to restructure the financing of some previous food service projects.

Deferred Projects

Several university capital projects received approval by the government prior to 1982 and the onset of economic restraint in British Columbia. Planning expenditures in the amount of 6 percent of total project costs were authorized. The government has not yet authorized construction, however, and thus the completion of these projects has been deferred indefinitely. They include the Chemistry/Physics building, the Physical Plant building and two hospital-related projects for UBC, as well as the Management Sciences (formerly known as West Mall I) project at SFU.

ACADEMIC

Academic Priorities

Council's planning report issued this year recommends that the review of academic priorities, an important topic rendered all the more pressing by the recent financial cuts, be made the responsibility of a new system advisory committee, whose structure and

membership was being developed at year end. It is intended that this senior committee will adopt both an institutional and a system viewpoint in the consideration of academic priorities.

New Program Approval

Most new programs reviewed and approved this past year by Council are expected to be implemented through internal resource reallocation by the sponsoring university. The proposals from Simon Fraser University and the University of Victoria for graduate programs in engineering constitute an exception to this funding process, since they are included in designated grants for Engineering Education Expansion.

As well as the university's financial ability to support new programs, the main criteria considered in the Council's review and approval process of program proposals are need and academic quality. An important consideration, as well, is how well the proposal fits into the university's mission.

The new programs approved this year, or still under review, are listed on Table I. They include mostly graduate programs building on the strengths of existing programs (e.g. Ph.D. in Criminology, where a well developed M.A. in Criminology already exists, or the two M.A.Sc. in Engineering already mentioned which were inherent in the initial proposal to establish undergraduate engineering programs), the combination of existing courses leading to a new credential (e.g. Diploma in Fine Arts), and even the joining of two currently separate programs into a dual credential (LL.B./M.B.A.).

Program Discontinuance

One of Council's main responsibilities in the area of academic programs (indeed, one specifically ascribed to one of its statutory standing committees by the *University Act*) is to ensure that there be no unnecessary duplication.

A more recent issue, however, has been that unique and necessary programs not be discontinued by the universities during funding restraint. To this effect, Council and the universities have worked towards establishing a method for informal consultation and information sharing.

Non-Public Universities

Since its inception, Council has informally monitored the activities in British Columbia of foreign institutions and, as well, has submitted briefs and advice to government on the establishment of non-public degree-granting institutions under their own act. This year, Council reviewed the actions taken by other provinces (Ontario and Alberta) and submitted to the Minister an advisory memorandum recommending procedural guidelines for the accreditation of degree-granting private institutions in B.C.

Council recommends that an evaluation be made of proposals from private institutions seeking statutory powers to grant non-theological degrees. Such an evaluation should then serve as a basis for an assessment by either the Minister or the Committee concerned to determine the acceptability of the private institutions' proposals.

With regard to private colleges offering university transfer courses and to external institutions delivering on-site degree programs in B.C., Council recommends that they be required to report on their academic activities (the details of this reporting mechanism are included in the advisory memorandum).

Finally, Council recommends that government continue to leave the regulation of theological programs to the theological institutions that offer them.

Distance Education

After several years of direct involvement with the coordination of the universities' non-metropolitan programs and the operations of the Open Learning Institute, Council's recent involvement with the B.C. Open University Consortium has been somewhat

reduced. At year end, Council was working on developing coordinating procedures with the soon to be established Open Learning Authority.

This Authority, which is intended to coordinate and combine the present activities of the universities' distance education divisions, the Open Learning Institute and the Knowledge Network, will be the culmination of the extensive planning which already saw last year the development of an "open degree" offered by the Institute on behalf of the Consortium.

THE UNIVERSITY SYSTEM: OVERVIEW

INTRODUCTION

Certain activities and decisions in which Council was engaged in 1985/86 relate to programs and finances for 1986/87. Events may transpire in 1986/87 which may affect or modify these recommendations.

All tables in this report refer to the fiscal year (April 1 through March 31) unless otherwise noted. When the focus is on non-financial activities, Council may use an academic year beginning either on July 1 or September 1 to correspond with faculty hirings and the start of the school year in the autumn.

Tables which provide a historical perspective appear after the more detailed current tables.

The reference sources and explanatory notes form an integral part of the tables.

ENROLMENT — DEFINITIONS

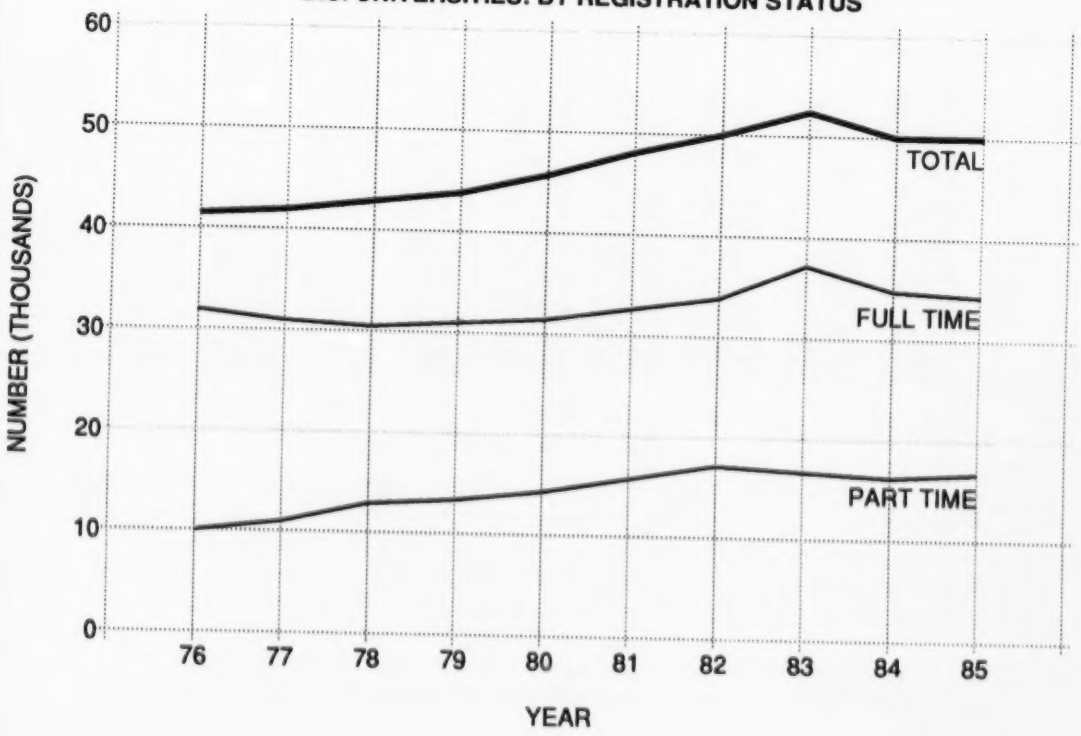
Headcount

For *undergraduates*, full-time refers to a student enrolled for 12 or more units of semester hours of credit. Students with less than 12 units are defined as part-time.

For *graduates*, full-time represents a student who fulfills certain conditions associated with his or her studies, including not being regularly employed for more than an average of 12 hours per week. Part-time graduate students are defined as active graduate students other than those who are full-time.

FALL HEADCOUNT ENROLMENT

B.C. UNIVERSITIES: BY REGISTRATION STATUS

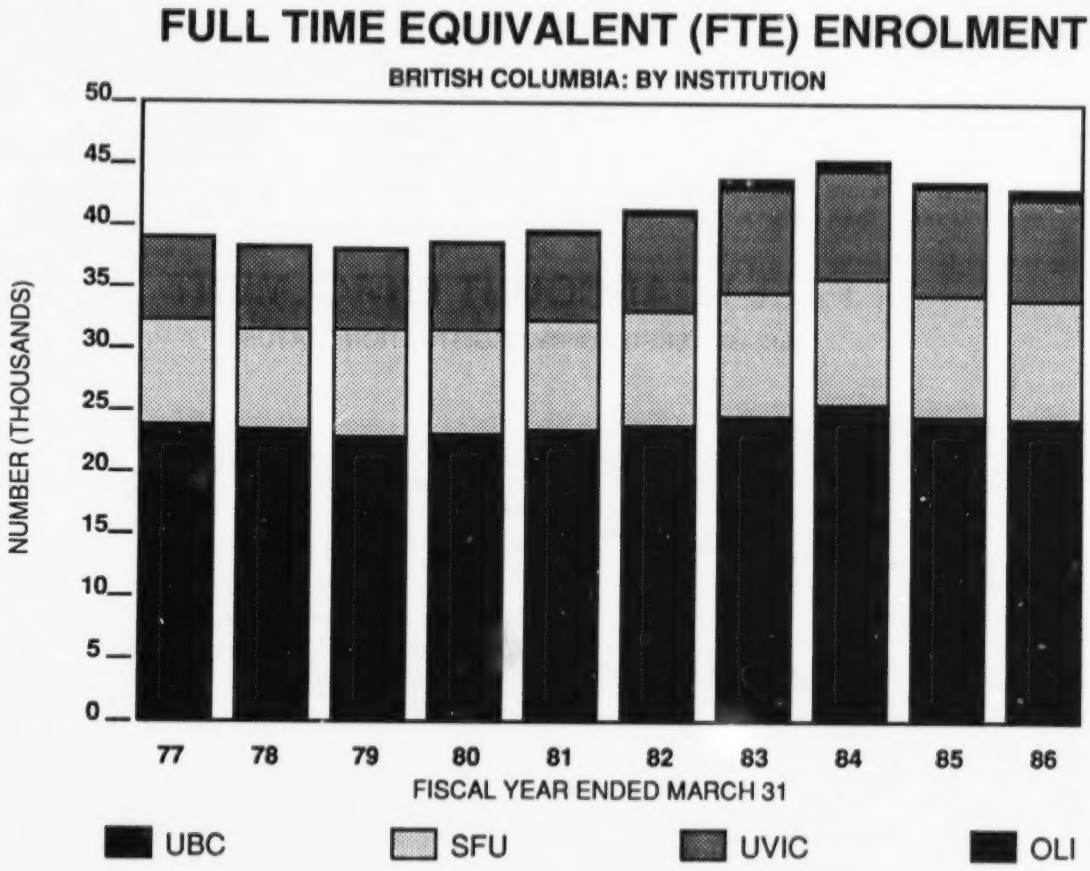


Full Time Equivalent (FTE)

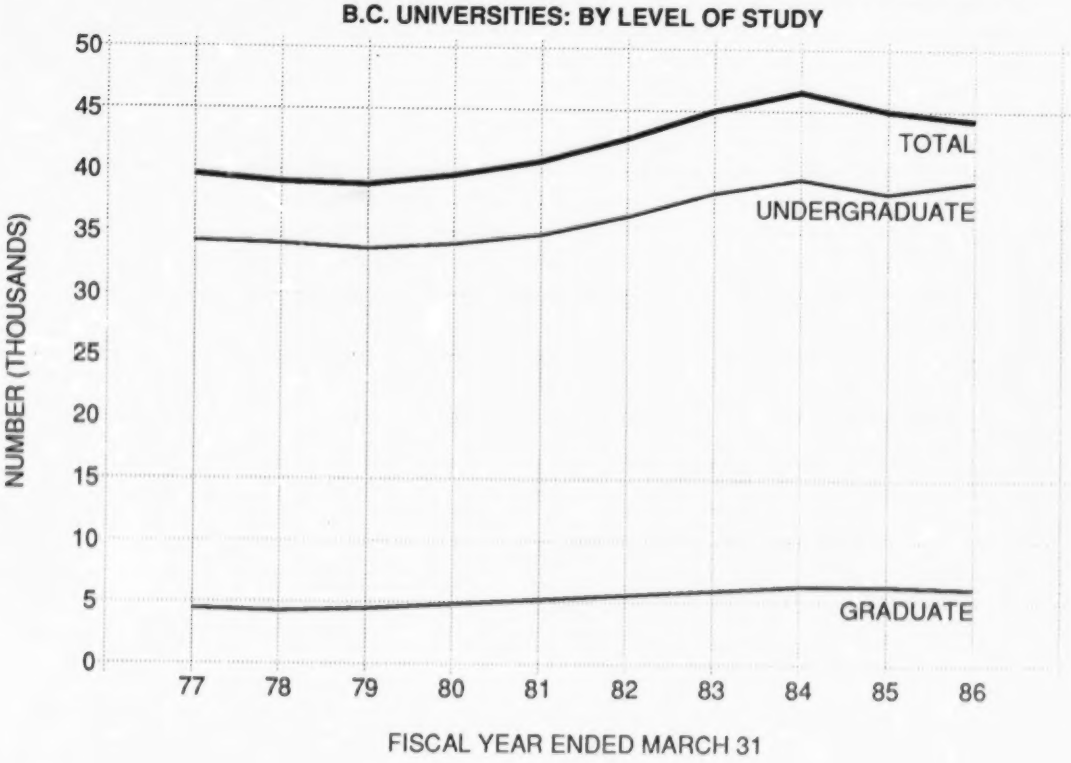
For *undergraduates*, FTE represents the equivalent of a 'normal' full-time course load. Units or semester hours of credit taken by all students (both full and part-time) in a given program and year level are divided by the applicable full-time course load to determine FTE enrolment. The undergraduate total represents the sum of the calculated FTE of all programs and course levels.

For *graduates*, full-time students are included as 1.0 FTE and part-time students as .33 FTE.

Fiscal year enrolment covers the registration of full and part-time students for summer and winter sessions and the three semesters at Simon Fraser coinciding with the fiscal year ended March 31.



FULL TIME EQUIVALENT (FTE) ENROLMENT



ENROLMENT

Enrolment figures of the three public universities of British Columbia in recent years reflect a decreasing or static trend from record 1983/84 total levels as summarized below.

	HEADCOUNT			FTE
	Full Time	Part Time	Total (fall only)	Full time Equivalent (entire fiscal year)
1983/84	36,489	15,856	52,345	44,852
1984/85	35,468	15,312	50,780	43,387
1985/86	34,852	15,853	50,705	42,593

In addition, during this period part-time fiscal year FTE enrolments in university level programs at the Open Learning Institute were respectively: 545, 495 and 534.

Viewed nationally, the above reductions in full-time enrolment are at variance with the modest enrolment growth for Canada in this period, according to preliminary figures from Statistics Canada. The changes in part-time student enrolments, however, are generally consistent with the changes in total for Canada.

The small overall net reduction (75 students) in total fall 1985 headcount registrations, for the three universities, reflects a 3.5 percent increase in part-time combined

with a 1.7 percent reduction in full-time students. This overall reduction in full-time is accentuated for undergraduates since graduate numbers have grown. Expressed on a full time equivalent basis for the entire fiscal year, these developments contributed to an overall 794 (1.8 percent) reduction in university FTE enrolment for 1985/86.

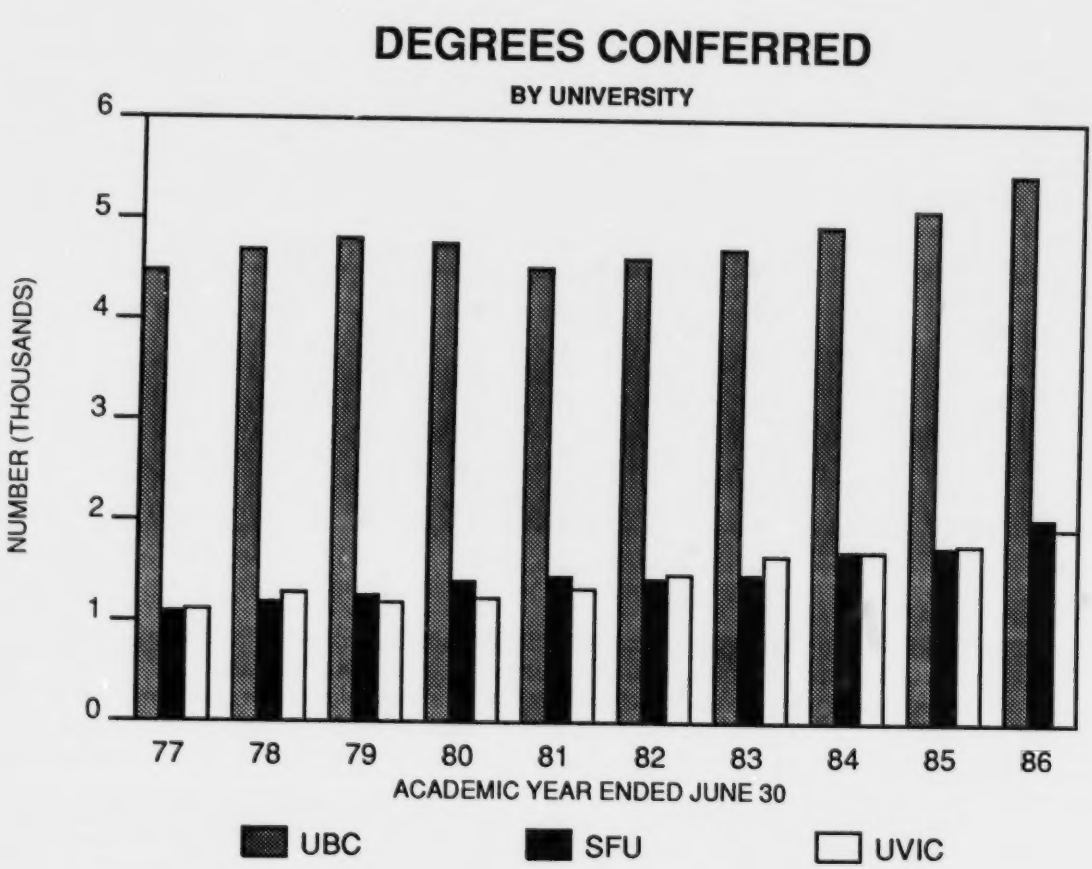
These reductions, combined with those experienced in 1984/85, contrast with a record of steady annual growth, for British Columbia, since the later 1970's. The accompanying figures illustrate trends in enrolment over the decade while more detailed information on current and past enrolment levels and trends is provided in Tables 4 and 5 and in Tables 9 and 10 in the ten year historical summary section.

DEGREES

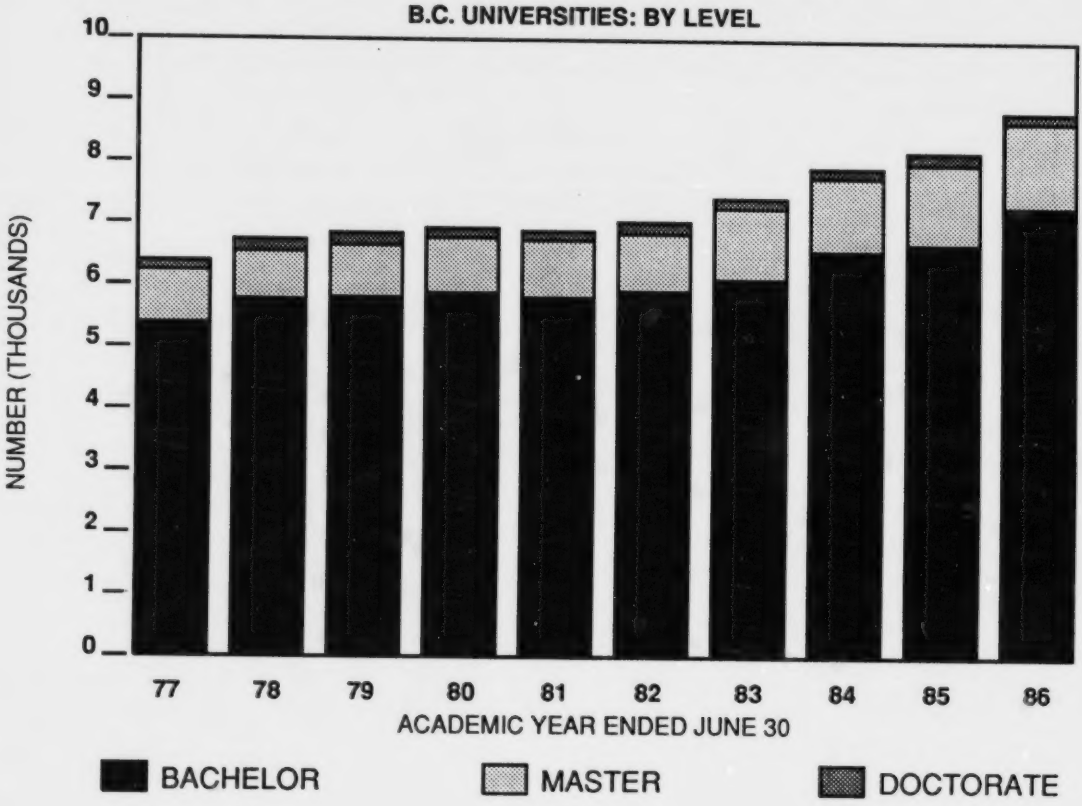
The number of degrees conferred by the three public universities of British Columbia in recent years reflects a steady growth at all levels of study as summarized below.

LEVEL OF STUDY

	Bachelor	Master	Doctorate	TOTAL
1984	6,631	1,192	177	8,000
1985	6,755	1,320	195	8,270
1986	7,364	1,432	218	9,014



DEGREES CONFERRED



In addition, during this three year period diplomas, certificates and other undergraduate credentials awarded were, respectively: 265, 346 and 342.

For 1986, the growth over 1985 (9 percent) occurred equally at the undergraduate and graduate level. Graduate (master and doctorate) degrees presently account for over 18 percent of all degrees, a figure somewhat higher than the levels of recent years and the 15 to 16 percent range of the late seventies and early eighties.

Viewed by discipline, the five largest areas presently account for over 83 percent of all degrees and include, with the current and prior years' percentages for comparison:

Discipline grouping:	1986 (Number)	1986 (Percent of Total)	1985 (Percent of Total)	1984 (Percent of Total)
Humanities & Social Sciences	2,926	32.5	33.0	31.4
Sciences	1,394	15.5	3.3	13.1
Education	1,365	15.1	15.5	15.9
Commerce & Administration	978	10.9	12.2	12.9
Applied Sciences	831	9.2	9.4	9.5
		83.2	83.4	82.8

The accompanying figures illustrate the trend in degrees conferred over the decade. Table 2 provides additional current information while Table 11 provides historical summary information on degrees conferred.

RESEARCH

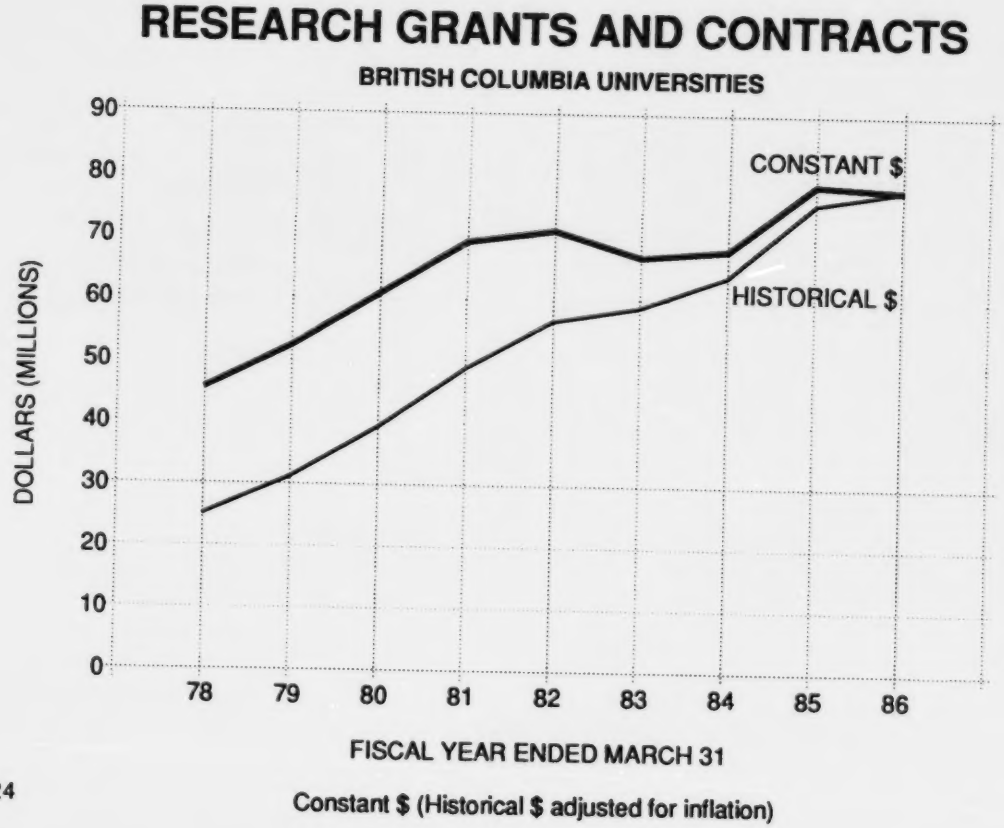
External research grants and contracts received by the three public universities of British Columbia and the grant assistance provided internally through their operating budgets in recent years are summarized below in millions of dollars.

RESEARCH AWARDS

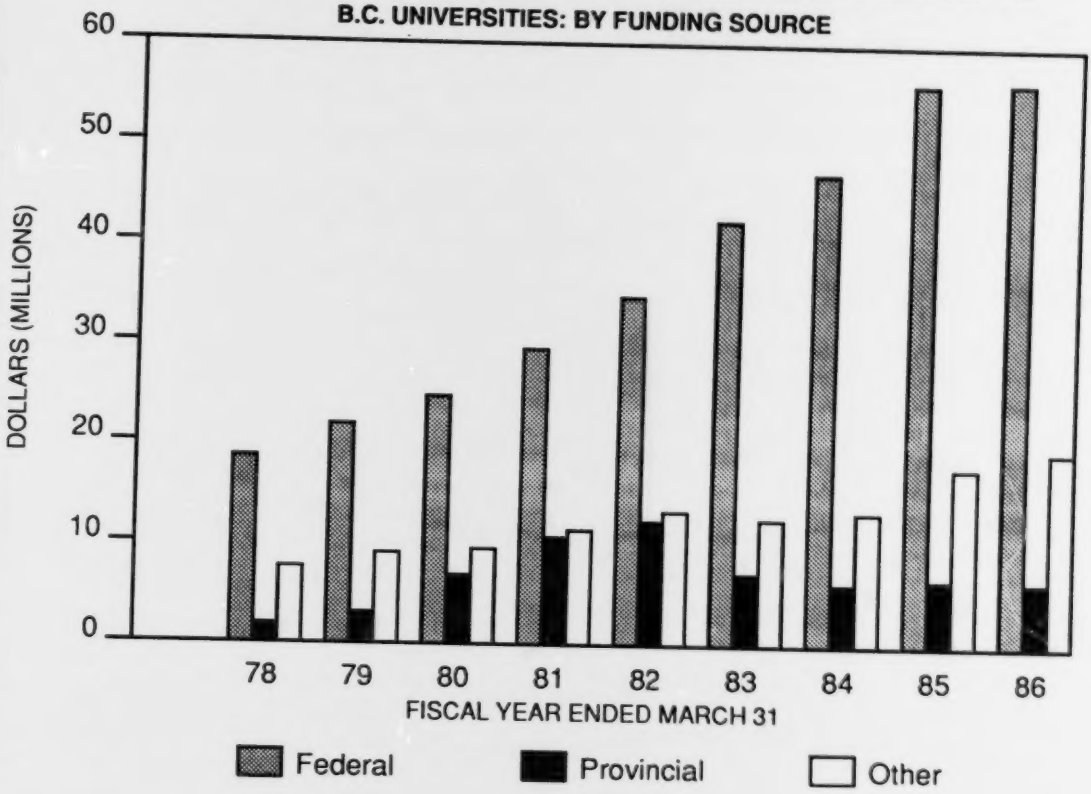
	External	Internal	Total
1984	$62.4	$1.1	$63.5
1985	75.0	1.7	76.7
1986	77.0	1.6	78.6

The Federal Government, through its granting Councils and other federal departments and agencies, accounts for about 60 percent of national research support for universities and a somewhat higher percentage for British Columbia. Viewed nationally, the three British Columbia universities, in an increasingly competitive environment and with financial restraint, have maintained and, for 1984/85, improved their share of total federal funds available for sponsored research including those from the granting councils awarded following peer review. This latter share, 10.5 percent in 1980/81, was 11.2 percent in 1984/85.

The British Columbia figures for 1985/86 (2.5 percent increase) essentially reflect a consolidation of past growth levels. This consolidation includes a continued increase in private non-governmental grant support and static (provincial) or slightly reduced (federal) levels of government support.



RESEARCH GRANTS and CONTRACTS



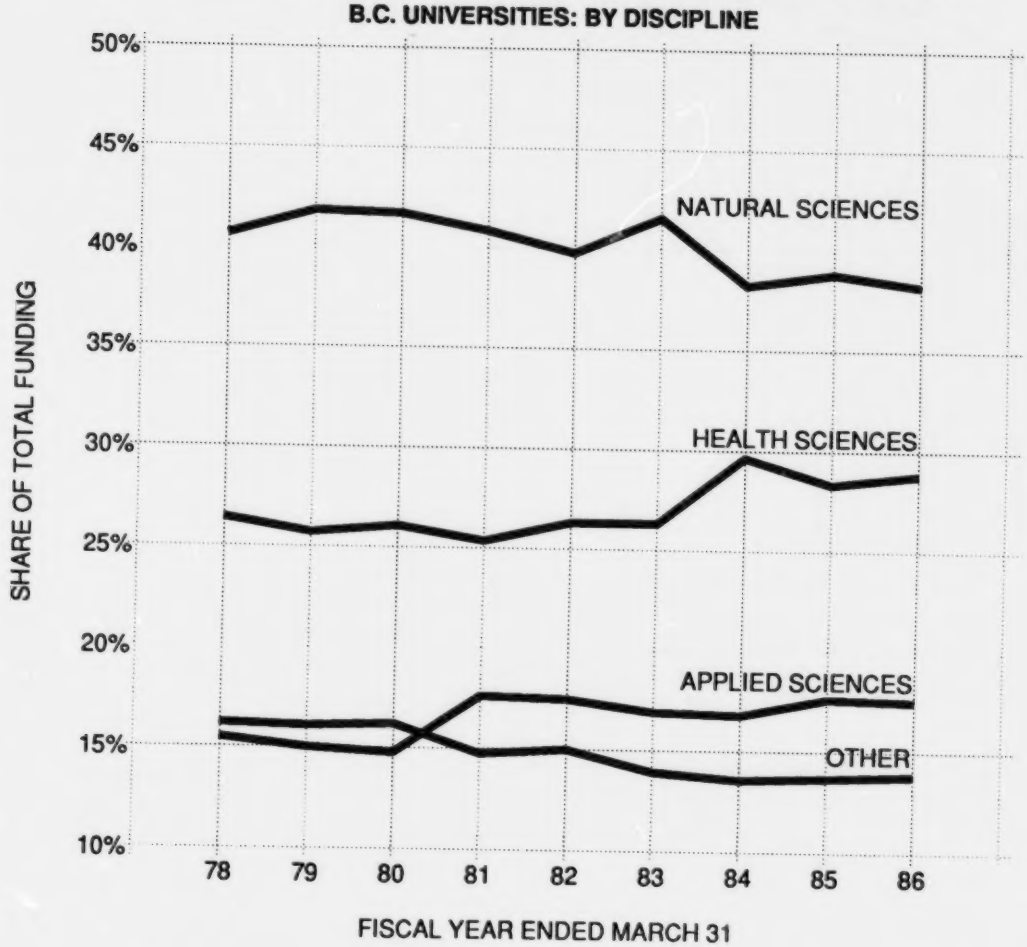
Viewed by discipline, the relative percentage share of total research awards indicates a stable pattern in recent years for British Columbia as noted below.

Discipline grouping:	83/84	84/85 (Percent of Total)	85/86
Natural Sciences	38.9	38.8	38.1
Health Sciences	29.6	29.4	30.2
Applied Sciences	17.9	18.5	18.3
Social Sciences	11.6	10.4	10.3
Humanities and other	2.0	2.9	3.1
	100.0	100.0	100.0

Viewed relative to operating support, the external research awards currently represent more than one-fifth of operating revenues and over 28 percent of the general purpose operating grant of $271.6 million. Alternatively, the annual level approximates the entire general operating budget of either of the two smallest universities.

The accompanying figure illustrates the growth trends in support for research. Table 3 provides additional current information on sources of funding, areas of research for the university system and amplification by university, while Table 12 provides historical summary information.

RESEARCH GRANTS AND CONTRACTS



FACILITIES

University Debentured Capital Projects

In 1977/78, the provincial government introduced a system of debenture financing of university capital projects, largely replacing the previous system of cash grants. Most university capital projects are now being financed with money borrowed from the British Columbia Educational Institutions Capital Financing Authority (BCEICFA) over a twenty year term. These are the capital projects which are the primary concern of the Universities Council.

University borrowing authorizations issued through BCEICFA during the 1985/86 fiscal year totalled about $5.4 million, all of it for Public Works and Renovations. Construction authorization, in the amount of $4.7 million, was revoked for university space in a hospital project for an indeterminate period. Thus the net increase in 1985/86 was only $0.7 million, compared to roughly $9 million in each of the previous two years.

As of 31 March 1986, the authorized level of cumulative capital borrowing totalled $206.0 million. Detail on borrowing authorizations issued in 1985/86, along with cumulative totals by university, appears in Table 6. The accompanying graph shows the growth in cumulative amounts since 1980.

Equipment

The provincial government provided the following cash grants from the 1985/86 Operating Contributions-Other subvote to purchase operating equipment:

UBC	$750,000
SFU	275,000
UVic	225,000
SYSTEM TOTAL	$1,250,000

Project Completions

The $6.0 million Pulp and Paper Centre at UBC was sufficiently completed that it could be brought into use towards the end of the fiscal year. In addition to this BCEICFA project, the $16 million Science and Engineering Complex at UVic, funded through the *University of Victoria Special Appropriations Act*, was completed in 1985/86.

Two student residence projects at UBC, the $16.0 million Acadia Park townhouses and the $6.5 million lowrise addition to the Walter Gage residences, were finished. These are financially self-supporting projects, the operating and capital costs of which will be met through student fees and short term rentals for conferences and related activities.

Space Inventory

Detail from the most recent update of the space inventory, amounting to 5,779,000 net assignable square feet for the university system, together with profiles by age and by space category appear in Table 7. This is an increase of less than 4 percent since the 1982/83 inventory. In contrast, the age profile shows some substantial differences as both the University of Victoria and Simon Fraser University have passed the twenty year mark which shifted substantial amounts of their space from one age category to the next.

FINANCE

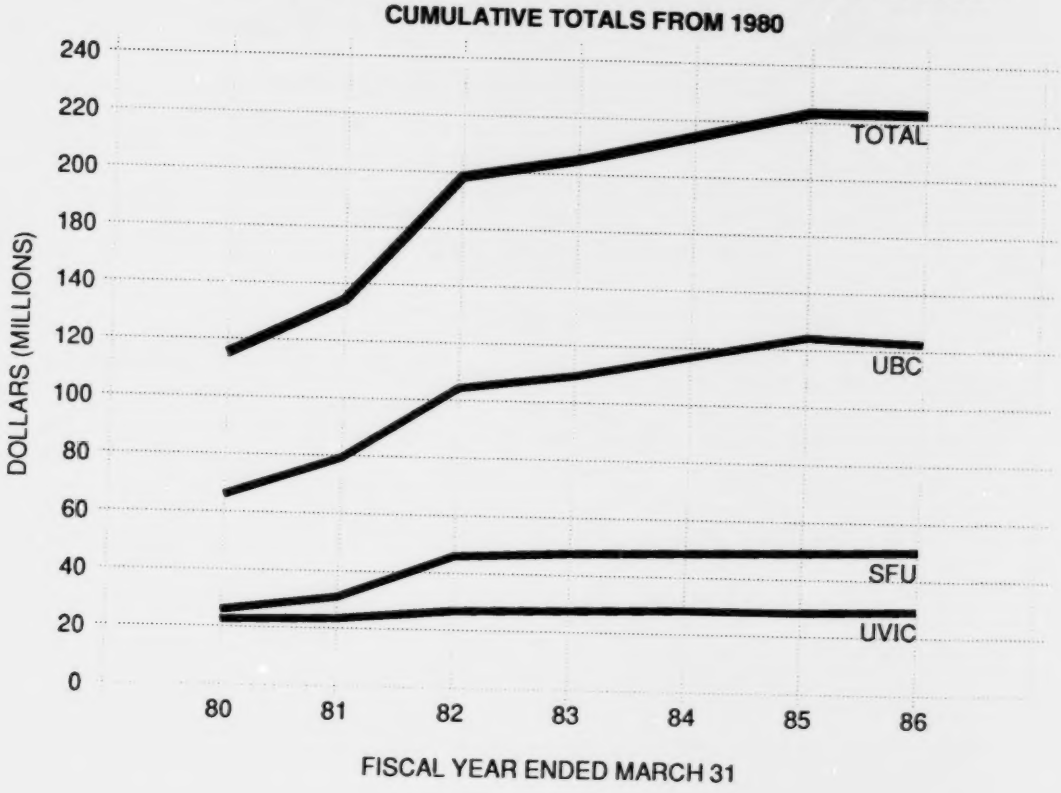
As publically supported institutions, universities receive most of their support from government in the form of operating, research, and capital grants. Commentary on research and on capital support appears elsewhere.

Operating revenues

Operating revenues include, in addition to provincial government grants, non-governmental revenue from student fees. Data tabulated by Statistics Canada for 1984/85 based on university annual financial reports prepared in accordance with reporting guidelines established by the Canadian Association of University Business Officers (CAUBO) indicate that the percentage share of operating support by major source for the British Columbia universities is in line with the national average.

	CANADA	B.C.
	(Percent of Total)	
Provincial operating grant	80.7	81.0
Student fees	16.3	16.8
All other sources	3.0	2.2

AUTHORIZED CAPITAL BORROWINGS



For 1985/86, with recent funding developments, the audited financial statement figures for the three British Columbia universities confirm a further change in the relative share of support toward an increased share from non-governmental sources. Presently, non-governmental sources account for just over 20 percent of operating revenue in British Columbia.

In summary, total operating revenues of $362 million for 1985/86 reflect, in absolute dollars, the same (restated) level for the British Columbia universities as prevailed two years earlier. In this period, a $15 million reduction in operating grants has been offset by a similar increase in non-governmental revenues, principally student fees. Table 15 provides additional information on current and past levels of operating revenue and the accompanying figure shows the trend in student fees contribution over the decade.

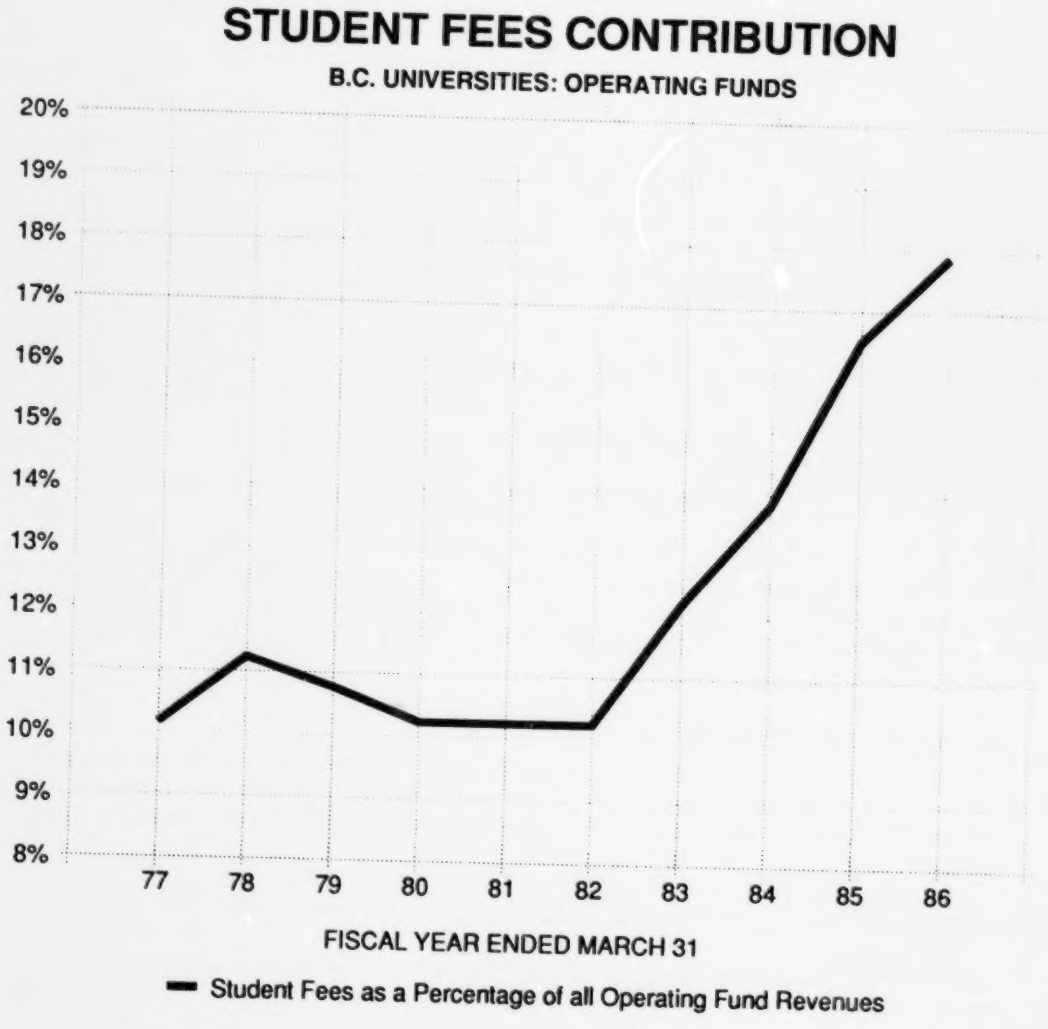
In addition to the general purpose operating grant, the provincial government also provides, through separate subvotes, designated grants for Distance Education and other specific purpose activities as summarized and detailed in Table 8.

Operating support per student

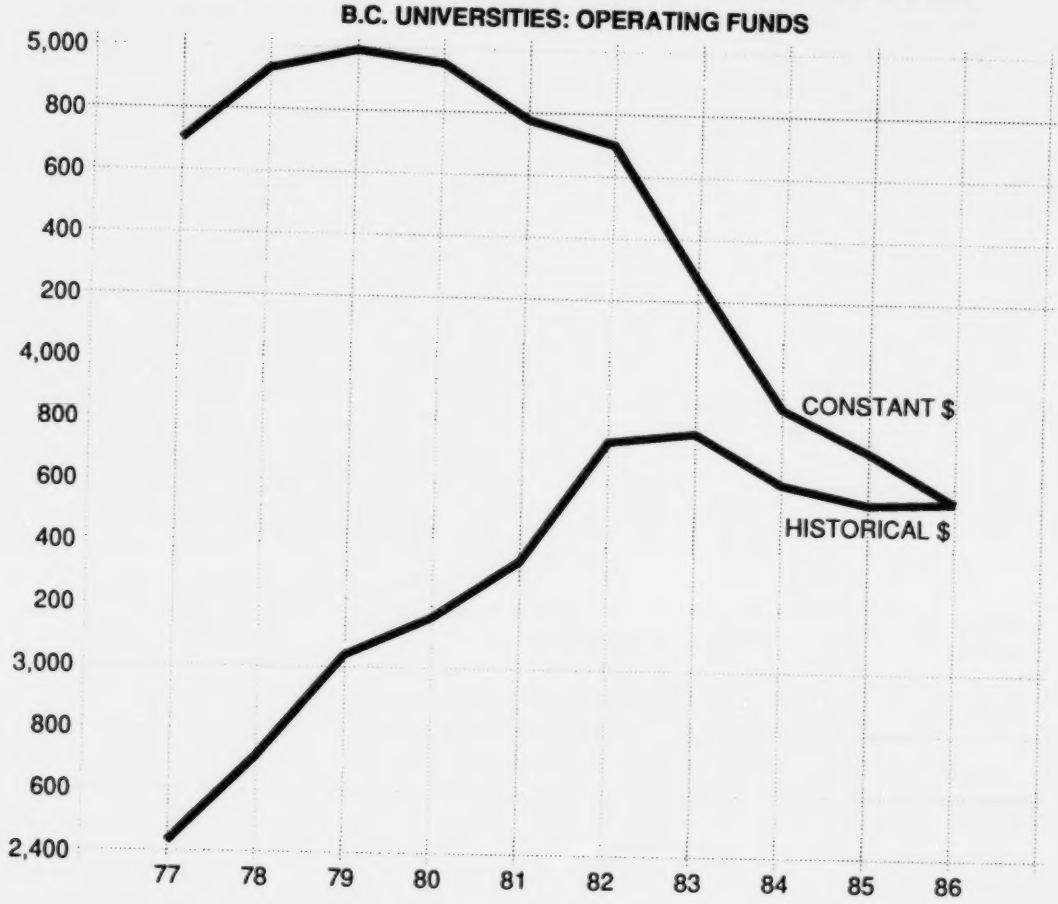
Operating support, measured in per student terms provides a further financial perspective in that resources available are related to students served. Representations as to students served in many jurisdictions may also include weighted enrolment whereby differences in students' programs and their level of study are reflected through a series of program weights applied to the unweighted numbers.

Supplemented where necessary with data from Table 14 and removing non-credit fee revenues, British Columbia support levels in constant 1985 dollars per weighted FTE student for 1985/86, with the two previous years' totals for comparison, are summarized below.

	Support per Weighted FTE student	
	Total operating revenue	Operating grants (Table 14)
	(constant 1985 dollars)	
1983/84	$4,466	$3,828
1984/85	4,384	3,602
1985/86	4,302	3,510



GRANTS PER WEIGHTED FTE STUDENT



Constant $ (Historical $ adjusted for inflation)

Additional information on past levels of university operating grants per weighted FTE student appear in Table 14. Excluding the Open Learning Institute, the trend is graphically illustrated in the accompanying figure, with reference to both historical and constant dollars.

Interprovincial Comparison

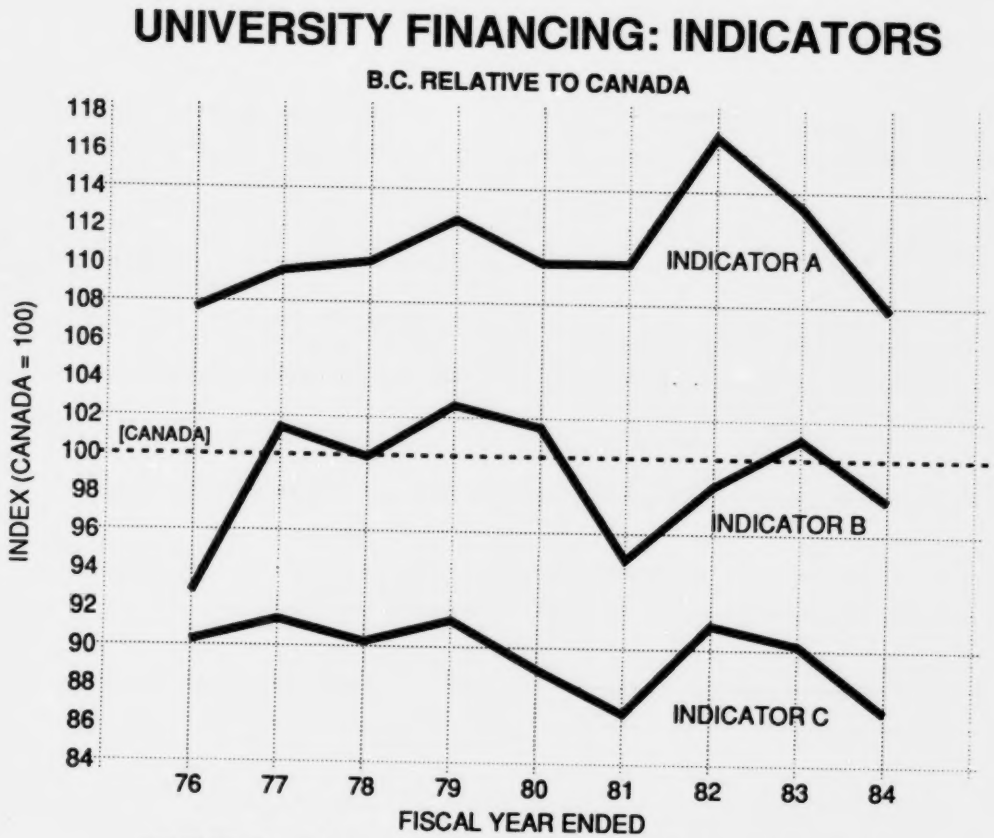
Established in Ontario in 1977, the Tripartite Committee on Interprovincial Comparisons has developed a framework within which interprovincial comparisons of university financial data can be made. Eight specific indicators have been selected as being useful in answering three major questions: how much financial support is provided to universities, how does university financing fit into the government's priorities, and what proportion of provincial resources is directed towards university financing?

Provincial data since 1974/75 has been provided to the Committee. Three of the eight specific indicators appear in Table 16, the Interprovincial Comparison table and trends in the indicators for B.C., expressed relative to the average for Canada, are

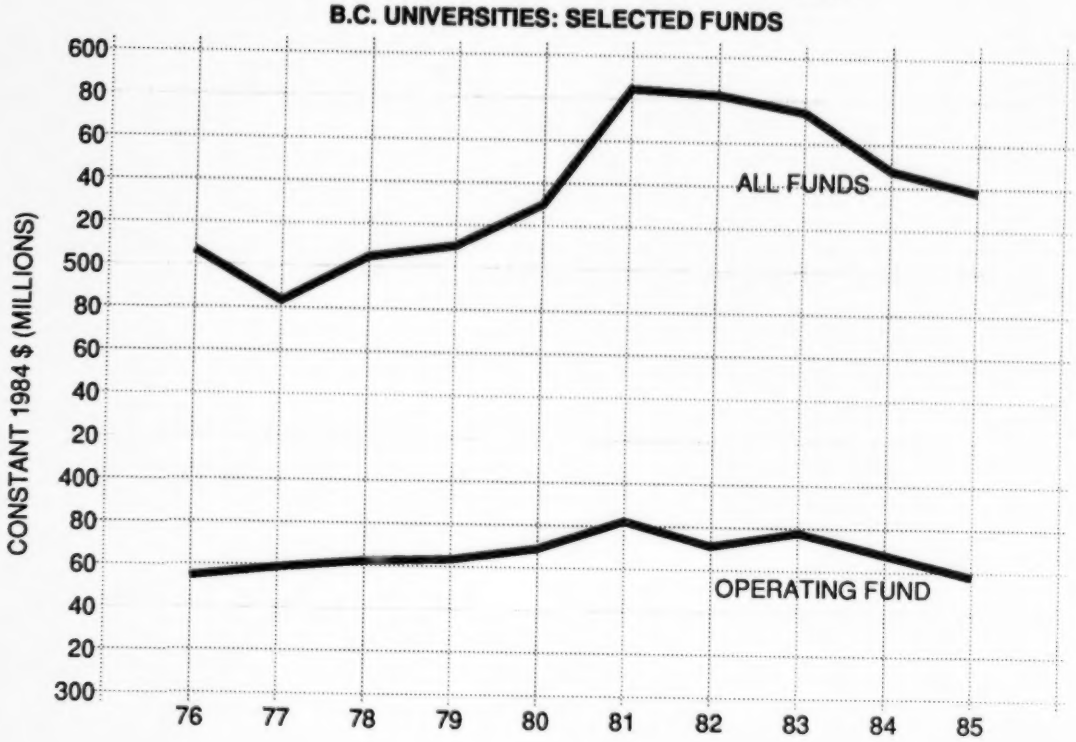
illustrated in the accompanying figure. Further information, other indicators, analysis and source references may be obtained from the Committee's sixth Report (published by the Ontario Council on University Affairs). British Columbia figures include the university transfer program portions of the B.C. Community College system as well as the three public universities.

University Expenditures

Table 18.1 and the accompanying figure, developed from annual financial reports prepared in accordance with reporting guidelines established by the Canadian Association of University Business Officers (CAUBO), set out trends in university expenditures over the decade for British Columbia's three public universities. The most recent publication, February 1986, includes actuals for fiscal years ending in 1985. Percentage totals for Canada for 1984/85 are also included for reference purposes and Table 18.2 provides amplification of general operating expenditures by functional activity since 1977/78.



UNIVERSITY EXPENDITURES



SOURCE: CAUBO National Reporting

(Restated to Constant $)

ACADEMIC PROGRAMS, DEGREES AND RESEARCH AWARDS

TABLE 1

NEW PROGRAMS 1985/86

New Programs Approved by UCBC
(during academic year July 1, 1985 to June 30, 1986)

Discipline	The University of British Columbia	Simon Fraser Univeristy	University of Victoria
Health Sciences	M.Sc. and Ph.D. in Oral Biology		
Engineering		M.Eng. M.A.Sc. in Engineering Science	M.Eng. M.A.Sc. and Ph.D. in Electrical Engineering
Other Professional	Joint LL.B./M.B.A. Revised Teacher Education Program (under review)		
Science	B.Sc. in Statistics/ Combined Mathematics and Statistics B.Sc. in Dietetics (under review)		
Humanities/ Social Sciences	Ph.D. in Urban Land Economics (under review)	Ph.D. in Criminology B.A. in Cognitive Science	Diploma in Fine Arts (under review)

TABLE 2.1

DEGREES CONFERRED BY DISCIPLINE

Academic Year ending in 1986
(with the two previous years' totals for comparison)

	UBC	SFU	UVic	1986 Total	1985 Total	1984 Total
APPLIED SCIENCES						
Bachelor	632	6		638	616	599
Master	145	19	1	165	134	144
Doctorate	28			28	27	18
COMMERCE AND ADMINISTRATION						
Bachelor	374	397		771	772	831
Master	116	48	37	201	234	199
Doctorate	6			6	3	
EDUCATION						
Bachelor	541	91	278	910	838	872
Master	254	72	110	436	429	372
Doctorate	13		6	19	12	24
FINE ARTS						
Bachelor	95	26	130	251	247	226
Master	35		16	51	58	57
Doctorate	3		1	4	3	
HEALTH SCIENCES						
Bachelor	439	38	61	538	524	564
Master	73	5		78	41	45
Doctorate	16			16	15	15
HUMANITIES AND SOCIAL SCIENCES						
Bachelor	1336	539	739	2614	2426	2243
Master	131	80	49	260	244	229
Doctorate	27	19	6	52	58	43
SCIENCES						
Bachelor	656	233	230	1119	893	869
Master	119	46	23	188	134	109
Doctorate	60	20	7	87	74	71
SOCIAL PROFESSIONS						
Bachelor	127	137	100	364	291	286
Master	37	9		46	43	28
Doctorate						
INTERDISCIPLINARY[1]						
Bachelor		142	17	159	148	141
Master	5		2	7	3	9
Doctorate	6			6	3	6
TOTAL	5274	1927	1813	9014	8270	8000
Bachelor and first professional	4200	1609	1555	7364	6755	6631
Master	915	279	238	1432	1320	1192
Doctorate	159	39	20	218	195	177
In addition, the following diplomas, certificates and other undergraduate credentials were awarded:	133	155	54	342	346	265

[1] Includes degrees of students with joint majors in more than one of the above broad discipline groupings and at SFU includes the Bachelor of General Studies. SFU and UVic figures for 1985 and 1984 have been restated (reduced) for consistency with the 1986 presentation.

Bachelor includes first professional degree (Library Science and Archival Studies degrees have been reclassified from Master in the above presentation).

Historical summary appears in Table 11.

TABLE 2.2
GRADUATE DEGREES CONFERRED BY DISCIPLINE

Academic Year ending in 1986
(with 1985 totals for comparison)

A zero indicates a program from which no student graduated.
A blank indicates that no program is offered.

	UBC		SFU		UVic		1986 Total		1985 Total	
Master (M) Doctorate (D)	M	D	M	D	M	D	M	D	M	D
APPLIED SCIENCES										
Agricultural Economics	3	0					3	0	0	0
Agricultural Extension	1						1			
Agricultural Mechanics	0						0		3	
Animal Science	3	0					3	0	5	1
Architecture		0						0		0
Bio-Resource Engineering	1						1		1	
Chemical Engineering	13	2					13	2	8	1
Civil Engineering	40	5					40	5	34	4
Clinical Engineering	1						1		2	
Electrical Engineering L9	25	3			1	0	26	3	13	1
Engineering Physics	2						2		4	
Food Science	5	1					5	1	5	5
Forestry	19	6					19	6	20	6
Geological Engineering	0	0					0	0	1	0
Mechanical Engineering	14	1					14	1	13	1
Metallurgy	3	0					3	0	0	0
Metallurgical Engineering	2	3					2	3	4	5
Mineral Engineering	2	0					2	0	6	0
Pest Management			19				19		5	
Plant Science	5	2					5	2	4	2
Poultry Science	2	1					2	1	2	0
Soil Science	4	4					4	4	4	1
	145	**28**	**19**		**1**	**0**	**165**	**28**	**134**	**27**
COMMERCE AND ADMINISTRATION										
Business Administration	116	6	48				164	6	200	3
Public Administration					37		37		34	
	116	**6**	**48**		**37**		**201**	**6**	**234**	**3**
EDUCATION										
Education	238	13	72	0	108	5	418	18	410	12
Physical Education	16				2	1	18	1	19	0
	254	**13**	**72**	**0**	**110**	**6**	**436**	**19**	**429**	**12**
FINE ARTS										
Creative Writing	13						13		13	
Fine Arts	11	0			8		19		18	0
Music	10	3			6	1	16	4	19	3
Theatre	1				2	0	3	0	8	0
	35	**3**			**16**	**1**	**51**	**4**	**58**	**3**
HEALTH SCIENCES										
Anatomy	2	0					2		3	0
Audiology and Speech	11	0					11		12	0
Dental Science	2						2		0	
Genetics	4	1					4	1	3	0
Health Sciences Planning	18						18		10	
Kinesiology			5	0			5	0	4	4
Neurological Sciences	1	1					1	1	0	0
Nursing	15						15		6	
Pathology	8	4					8	4	0	4
Pharmaceutical Sciences	4	3					4	3	1	6
Pharmacology	5	2					5	2	1	0
Physiology	0	5					0	5	1	1
Psychiatry	1						1		0	
Surgery	2						2		0	
	73	**16**	**5**	**0**			**78**	**16**	**41**	**15**

TABLE 2.2 — Continued

GRADUATE DEGREES CONFERRED BY DISCIPLINE

Academic Year ending in 1986
(with 1985 totals for comparison)

A zero indicates a program from which no student graduated.
A blank indicates that no program is offered.

	UBC		SFU		UVic		1986 Total		1985 Total	
Master (M) Doctorate (D)	M	D	M	D	M	D	M	D	M	D
HUMANITIES AND SOCIAL SCIENCES										
Anthropology/Sociology	11	3	1	0	6		18	3	18	13
Archaeology			2	2			2	2	2	0
Asian Studies	1	2			1		2	2	5	3
Classics	4	0			0		4	0	1	0
Communication			9	1			9	1	11	2
Comparative Literature	1	1					1	1	1	1
Economics	12	2	17	6	5		34	8	36	16
English	12	7	9	0	9	0	30	7	33	4
French	10	1	7	0	2		19	1	12	2
Geography	7	1	4	1	7	0	18	2	18	3
German	3	0	0	0	1		4	0	3	1
History	7	3	2	1	6		15	4	13	1
Law	5						5		6	
Linguistics	2	0	4	0	3	1	9	1	8	2
Philosophy	3	1	1	0			4	1	6	0
Planning	29	0					29	0	26	0
Political Science	6	2	1		5		12	2	10	1
Psychology	16	4	12	8	4	5	32	17	26	9
Religious Studies	2	0					2	0	2	0
Resource Management			11				11		5	
Slavonics/Russian	0	0	0	0			0	0	0	0
Spanish	0	0	0	0			0	0	2	0
	131	**27**	**80**	**19**	**49**	**6**	**260**	**52**	**244**	**58**
SCIENCES										
Astronomy	1	2					1	2	4	0
Biochemistry	1	3			0	1	1	4	3	7
Biological Sciences & Biology	2	1	14	7	10	3	26	11	20	8
Botany	4	4					4	4	3	2
Chemistry	16	14	4	7	0	3	20	24	10	23
Computer Science	13	3	15		3		31	3	25	1
Geological Sciences	20	1					20	1	15	2
Geophysical Sciences	6	2	2				8	2	4	2
Mathematics	1	4	6	2	1		8	6	4	4
Microbiology	3	3			0	0	3	3	1	3
Oceanography	4	4					4	4	0	0
Physics	18	10	5	4	9	0	32	14	20	13
Statistics	2	0					2	0	2	0
Zoology	28	9					28	9	23	9
	119	**60**	**46**	**20**	**23**	**7**	**188**	**87**	**134**	**74**
SOCIAL PROFESSIONS										
Criminology			9				9		7	
Human Nutrition	0	0					0	0	2	0
Social Work	37						37		34	
	37	**0**	**9**				**46**	**0**	**43**	**0**
OTHER										
Interdisciplinary/Special arrangement/Late entries	5	6	0	0	2	0	7	6	3	3
	5	**6**	**0**	**0**	**2**	**0**	**7**	**6**	**3**	**3**
Total 1986 Master	**915**		**279**		**238**		**1432**			
Doctorate		**159**		**39**		**20**		**218**		
Total 1985 Master	**838**		**218**		**264**				**1320**	
Doctorate		**146**		**37**		**12**				**195**

TABLE 3.1

RESEARCH AWARDS

Summary for University System: 1985/86
(with 1984/85 totals for comparison)

RESEARCH AWARDS BY DISCIPLINE AND SOURCE OF FUNDS

SOURCE: / DISCIPLINE	National Granting Councils	Federal Government	Provincial and Local Government	Canadian Companies & Foundations	U.S. and Other Foreign	University Budget[1]	Total
Natural Sciences	23,730,558	1,385,730	715,520	2,072,624	1,667,581	391,193	29,963,206
Health Sciences	9,674,305	1,419,044	2,908,711	8,255,433	1,376,790	72,647	23,706,930
Applied Sciences	8,402,220	2,064,663	1,587,834	1,865,049	379,402	82,594	14,381,762
Social Sciences	3,831,538	1,768,898	537,480	1,099,627	101,656	755,980	8,095,179
Humanities	816,871	105,358		51,181	12,080	289,891	1,275,381
Other	190,964	809,344	75,000	101,702	20,575	6,825	1,204,410
TOTALS (85/86)	46,646,456	7,553,037	5,824,545	13,445,616	3,558,084	1,599,130	78,626,868
TOTALS (84/85)	46,213,203	8,143,121	5,652,447	11,856,033	3,175,765	1,666,476	76,707,045

RESEARCH AWARDS BY TYPE

	UBC	SFU	UVic	Total	
External — Grants (85/86)	57,134,541	6,334,971	6,119,504	69,589,016	
— Contracts	5,839,656	1,063,818	535,248	7,438,722	
Internal — Grants	257,417	727,461	614,252	1,599,130	78,626,868
External — Grants (84/85)	54,682,154	6,424,971	6,206,256	67,313,381	
— Contracts	6,343,963	703,810	679,415	7,727,188	
Internal — Grants	199,675	858,160	608,641	1,666,476	76,707,045

Reference: University submissions filed with UCBC.

[1] In addition to research which is supported from external grants and contracts, each university provides from its operating budget internal direct support for research. Such support may be awarded by committee to faculty members on a competitive basis following peer review. The support may include research project funding, travel assistance, subsidies for publication, contribution toward computer usage charges.

While each university provides research support, the administrative and organizational arrangements vary as to the manner in which this support is recognized and/or accounted. For this reason, the internal university budget support as shown may not fully comprehend each university's particular contribution and consequently the levels are not directly comparable among the three universities.

CHANGES IN LEVEL OF RESEARCH AWARDS

(1985/86 over 1984/85)

Amount	Percent		Percent of Total 85/86	Percent of Total 84/85
		BY SOURCE		
433,253	0.9%	National Granting Councils	59.3%	60.2%
−590,084	−7.2	Other Federal Government	9.6	10.6
172,098	3.0	Provincial and Local Government	7.4	7.4
1,589,583	13.4	Canadian Companies and Foundations	17.1	15.5
382,319	12.0	U.S. and Other Foreign	4.5	4.1
−67,346	−4.0	University Budget[1]	2.0	2.2
1,919,823	2.5%			
		BY DISCIPLINE		
207,804	0.7%	Natural Sciences	38.1%	38.8%
1,163,346	5.2	Health Sciences	30.2	29.4
173,542	1.2	Applied Sciences	18.3	18.5
96,697	1.2	Social Sciences	10.3	10.4
−41,468	−3.1	Humanities	1.6	1.7
319,902	36.2	Other	1.5	1.2
1,919,823	2.5%			
		BY TYPE		
2,275,635	3.4%	External — Grants	88.5%	87.8%
−288,466	−3.7	— Contracts	9.5	10.1
−67,346	−4.0	Internal — Grants[1]	2.0	2.2
1,919,823	2.5%			

Percentages may not add to 100.0 due to rounding.
Historical summary appears in Table 12.

TABLE 3.2
RESEARCH AWARDS BY DISCIPLINE AND SOURCE OF FUNDS
Summary for University: 1985/86
(with the two previous years' totals for comparison)

SOURCE: / DISCIPLINE	National Granting Councils	Federal Government	Provincial and Local Government	Canadian Companies & Foundations	U.S. and Other Foreign	University Budget[1]	Total
UNIVERSITY OF BRITISH COLUMBIA							
Natural Sciences	16,213,664	916,233	275,612	1,728,033	1,547,060		20,680,602
Health Sciences	9,501,314	1,417,632	2,908,711	8,169,981	1,373,904	6,500	23,378,042
Applied Sciences	6,911,254	1,928,477	1,351,064	1,566,043	319,008	27,150	12,092,996
Social Sciences	2,564,094	1,286,463	362,532	983,319	49,792	169,637	5,415,837
Humanities	409,030			45,807	8,900	49,130	512,867
Other	146,399	809,344	75,000	101,702	13,825	5,000	1,151,270
TOTALS (85/86)	35,745,755	6,358,149	4,972,919	12,584,885	3,312,489	257,417	63,231,614
TOTALS (84/85)[2]	35,251,353	6,874,349	4,745,139	11,140,867	3,014,409	199,675	61,225,792
(83/84)[2]	28,361,893	6,413,790	4,672,395	9,253,697	1,639,229	199,410	50,540,414
SIMON FRASER UNIVERSITY							
Natural Sciences	3,585,909	221,721	240,771	156,326	74,970	239,029	4,518,726
Health Sciences	168,003	1,412		84,552	2,886	56,581	313,434
Applied Sciences	732,831	136,186	236,770	207,106	60,394	26,950	1,400,237
Social Sciences	761,513	345,970	165,677	71,815	26,702	337,514	1,709,191
Humanities	71,960			5,000		67,037	143,997
Other	40,315					350	40,665
TOTALS (85/86)	5,360,531	705,289	643,218	524,799	164,952	727,461	8,126,250
TOTALS (84/85)	5,372,639	635,176	716,184	325,612	79,170	858,160	7,986,941
(83/84)	5,137,768	856,354	552,492	311,316	92,240	423,988	7,374,158
UNIVERSITY OF VICTORIA							
Natural Sciences	3,930,985	247,776	199,137	188,265	45,551	152,164	4,763,878
Health Sciences	4,988			900		9,566	15,454
Applied Sciences	758,135			101,900		28,494	888,529
Social Sciences	505,931	136,465	9,271	44,493	25,162	248,829	970,151
Humanities	335,881	105,358		374	3,180	173,724	618,517
Other	4,250				6,750	1,475	12,475
TOTALS (85/86)	5,540,170	489,599	208,408	335,932	80,643	614,252	7,269,004
TOTALS (84/85)	5,589,211	633,596	191,124	389,554	82,186	608,641	7,494,312
(83/84)	3,776,612	912,685	192,767	127,204	97,569	441,320	5,548,157

PERCENT OF SYSTEM TOTAL: 1985/86

	UBC	SFU	UVic	Total
BY SOURCE				
National Granting Councils	45.5	6.8	7.0	59.3
Other Federal Government	8.1	0.9	0.6	9.6
Provincial & Local Government	6.3	0.8	0.3	7.4
Canadian Companies & Foundations	16.0	0.7	0.4	17.1
U.S. and Other Foreign	4.2	0.2	0.1	4.5
University Budget	0.3	0.9	0.8	2.0
	80.4	10.3	9.2	100.0
BY DISCIPLINE				
Natural Sciences	26.3	5.7	6.1	38.1
Health Sciences	29.7	0.4	0.0	30.2
Applied Sciences	15.4	1.8	1.1	18.3
Social Sciences	6.9	2.2	1.2	10.3
Humanities	0.7	0.2	0.8	1.6
Other	1.5	0.1	0.0	1.5
	80.4	10.3	9.2	100.0

[1] The sum of the individual percentages may not agree with total figures due to rounding.
[2] UBC figures for 84/85 have been revised and restated for consistency with the current year's presentation and consequently will not agree with the previously published figures. Similarly the 1983/84 total figure and that of the National Granting Councils has been increased by an estimated $1.4 million for comparative purposes to reflect MRC personal awards not previously included.

STUDENT ENROLMENT, FACILITIES AND FINANCE

TABLE 4.1

FALL HEADCOUNT ENROLMENT

By Enrolment Status and University: Fall 1985
(with the two previous years' totals for comparison)

	UBC	SFU	UVic	Total 1985	Total 1984	Total 1983
UNDERGRADUATE:						
Full time	18,210	5,791	6,340	30,341	31,078	31,953
Part time	5,246	5,420	3,439	14,105	13,282	13,752
	23,456	11,211	9,779	44,446	44,360	45,705
GRADUATE:						
Full time	2,860	1,066	585	4,511	4,390	4,536
Part time	1,005	381	362	1,748	2,030	2,104
	3,865	1,447	947	6,259	6,420	6,640
TOTAL:						
Full time	21,070	6,857	6,925	34,852	35,468	36,489
Part time	6,251	5,801	3,801	15,853	15,312	15,856
	27,321	12,658	10,726	50,705	50,780	52,345
TOTAL BY YEAR:						
1985	27,321	12,658	10,726	50,705		
1984	27,317	12,702	10,761		50,780	
1983	28,317	12,679	11,349			52,345

NOTE: Information for UBC and UVic reflects the enrolment status of registered students as at 1 November (1 December for 1983 figures); for SFU the information is as at 1 October and covers students registered for the fall semester.

Medical residents are included with undergraduate figures.

In addition, there were approximately 3,500 students taking university level courses through the Open Learning Institute during 1985/86.

Historical summary appears in Table 9.

TABLE 4.2

GRADUATE ENROLMENT HEADCOUNT

By Degree Sought and Discipline: Fall 1985
(with the two previous years' totals for comparison)

	UBC	SFU	UVic	Total 1985	Total 1984	Total 1983
FULL TIME						
Master	1,809	746	453	3,008	3,023	3,271
Doctorate	1,051	320	132	1,503	1,367	1,265
	2,860	1,066	585	4,511	4,390	4,536
PART TIME						
Master	917	356	343	1,616	1,839	1,956
Doctorate	88	25	19	132	191	148
	1,005	381	362	1,748	2,030	2,104
TOTAL HEADCOUNT[1]	3,865	1,447	947	6,259	6,420	6,640
BY DISCIPLINE:						
APPLIED SCIENCES						
Master	433		18	451	477	490
Doctorate	205		3	208	192	157
COMMERCE AND ADMINISTRATION						
Master	373	136	152	661	698	771
Doctorate	66		2	68	59	50
EDUCATION						
Master	800	280	275	1,355	1,390	1,694
Doctorate	128	21	27	176	177	166
FINE ARTS						
Master	101		54	155	185	124
Doctorate	23		9	32	27	1
HEALTH SCIENCES						
Master	257	26		283	252	225
Doctorate	102	10		112	90	86
HUMANITIES AND SOCIAL SCIENCES						
Master	371	358	193	922	1,007	1,104
Doctorate	229	161	48	438	461	477
SCIENCES						
Master	320	241	98	659	722	675
Doctorate	386	134	61	581	544	467
SOCIAL PROFESSIONS						
Master	71	51	1	123	118	129
Doctorate		8		8	6	6
INTERDISCIPLINARY						
Master		10	5	15	13	15
Doctorate		11	1	12	2	3
TOTAL HEADCOUNT[1]	3,865	1,447	947	6,259	6,420	6,640

[1] UBC students registered for first professional degree programs in Library Science and Archival Studies, in Dentistry and in Medicine are included in undergraduate enrolment headcount, along with Medical residents.

TABLE 5
FULL TIME EQUIVALENT ENROLMENT
ENTIRE FISCAL YEAR 1985/86

By Institution and Program
(with the two previous years' totals for comparison)

	UBC	SFU[1]	UVIC	OLI	Total 1985/86[1]	Total 1984/85	Total 1983/84
UNDERGRADUATE:							
General							
Arts	6,069	3,703	2,994	534	13,300	11,977	12,088
Education	1,896	1,030	1,091		4,017	4,296	4,424
Fine arts	123		335		458	556	589
Family & instructional sciences	231				231	194	201
Industrial arts	46				46	38	56
Interdisciplinary studies						2,166	2,151
Librarianship & archival studies	91				91	82	107
Music	230		177		407	373	426
Physical education	452				452	492	503
Science	3,989	1,105	1,875		6,969	7,034	7,279
Social work	109		103		212	201	214
Unclassified and undeclared	607	28	615		1,250	1,429	1,901
	13,843	5,866	7,190	534	27,433	28,838	29,939
Professional							
Agricultural sciences	369				369	367	365
Applied science (excl. Nursing)	1,900	1,200	122		3,222	2,186	2,151
Commerce	1,559	1,620			3,179	3,477	3,735
Forestry	262				262	349	433
Law	753		287		1,040	1,028	1,008
	4,843	2,820	409		8,072	7,407	7,692
Health Sciences							
Dental hygiene	48				48	47	40
Dentistry	160				160	158	157
Medicine	503				503	498	493
Medical laboratory science	15				15	12	10
Nursing	410		173		583	610	628
Pharmaceutical sciences	390				390	345	340
Rehabilitation medicine	113				113	102	114
	1,639		173		1,812	1,772	1,782
TOTAL UNDERGRADUATE	20,325	8,686	7,772	534	37,317	38,017	39,413
GRADUATE[2]							
General							
M.A. and similar	1,224	533	426		2,183	2,241	2,506
M.Sc. and similar	337	268	85		690	755	719
Doctoral	770	323	125		1,218	1,130	1,066
	2,331	1,124	636		4,091	4,126	4,291
Professional							
M.A. and similar	308				308	362	358
M.Sc. and similar	449		6		455	500	508
Doctoral	269		4		273	242	205
	1,026		10		1,036	1,104	1,071
Health Sciences							
M.Sc. and similar	215				215	178	164
Doctoral	95				95	75	71
Residents and interns	373				373	382	387
	683				683	635	622
TOTAL GRADUATE	4,040	1,124	646		5,810	5,865	5,984
GRAND TOTAL	24,365	9,810	8,418	534	43,127	43,882	45,397

[1] Under a plan of academic reorganization at SFU, in September 1985 a new Faculty of Applied Science was created and the Faculty of Interdisciplinary Studies was dissolved with the mature departments being moved closer to their cognate disciplines. The 1985 figures reflect this restructuring. A restatement of the previous years' figures has not been possible and consequently the figures for the earlier years, while comparable at the overall undergraduate and graduate level, are not directly comparable at the individual program level of undergraduate study in most instances where SFU programs are involved.
Historical summary appears in Table 10.

[2] University consistency in the derivation of fiscal year graduate counts remained under review by the universities at March 31,1986. While no changes have been incorporated to date, based on subsequent agreement, a revision in graduate count methodology to improve the consistency of the figures among the universities is to be implemented commencing with 1986/87.

TABLE 6
UNIVERSITY DEBENTURED CAPITAL PROJECTS
ESTIMATED COST AND AUTHORIZED BORROWING THROUGH BCEICFA[1]

Cumulative to March 1986
($000)

Project	Name	Estimated Cost	Authorized Borrowing	
UBC- 1	Aquatic Centre	1,000		1,000
- 2	Library Processing Centre	3,190		3,190
- 3	Home Economics	5,000		5,000
- 4	Nursing and Rehabilitation Medicine	3,736		4,110
- 5	Psychology	12,110		12,150
- 6	Public Works 1977/78	3,126		3,126
- 7	Building Renovations 1977/78	2,520		2,520
- 8	Health Sciences Centre	33,112		33,112
- 9	Labor Intensive Capital Projects 78/79	5,122		5,122
-10	Asian Centre	3,526		3,592
-11	Parkade - Acute Care Unit	3,605		3,605
-12	TRIUMF I	2,565		2,565
-12A	TRIUMF II	4,910		4,910
-13	Public Works and Renovations 1979/80	4,766		4,766
-14	Public Works and Renovations 1980/81	5,538		5,538
-15	Acute Care Equipment	3,085		3,085
-16	Chemistry/Physics	11,000		660
-19	Public Works and Renovations 1981/82	6,400		6,400
-20	Physical Plant I	6,500		390
-21	Laurel II	2,900		174
-22	Major Equipment 1981/82	3,500		3,500
-23	Clinical Medicine	4,904		294
-24	Public Works and Renovations 1982/83	2,000		2,000
-25	Pulp and Paper Centre	5,800		6,000
-26	St. Paul's Hospital II	5,148	(−4,688)[2]	460
-27	Public Works and Renovations 1983/84	2,600		2,600
-28	Public Works and Renovations 1984/85	2,500		2,500
-29	Public Works and Renovations 1985/86	3,427	(+3,427)[2]	3,427
	SUBTOTAL: UBC	153,590	(−1,261)[2]	125,796
SFU- 1	Multi-Purpose Complex	8,600		7,775
- 2	Teaching and Laboratory Complex	11,455		11,455
- 3	Public Works 1977/78	1,080		1,080
- 4	Building Renovations 1977/78	1,515		1,515
- 5	Labour Intensive Projects 1978/79	810		810
- 7	Public Works and Renovations 1979/80	2,494		2,494
- 8	Public Works and Renovations 1980/81	2,250		2,250
- 9	Central Mall Extension	1,580		1,580
-10	Ring Road	6,004		6,004
-11	Multi-Purpose Complex Extension	6,106		6,106
-12	Public Works and Renovations 1981/82	3,596		3,596
-13	West Mall I	10,000		600
-14	Major Equipment 1981/82	750		750
-15	Public Works and Renovations 1982/83	1,000		1,000
-16	Public Works and Renovations 1983/84	680		680
-17	Public Works and Renovations 1984/85	800		800
-18	Public Works and Renovations 1985/86	1,118	(+1,118)[2]	1,118
	SUBTOTAL: SFU	59,838	(+1,118)[2]	49,613
UVic- 1	Clearihue 3rd Wing	885		885
- 2	MacLaurin Music Wing	3,542		3,542
- 3	Clearihue 4th Wing	3,000		3,000
- 4	Law Building	6,580		6,580
- 5	Visual Arts Building	619		619
- 6	Public Works 1977/78	500		500
- 7	Building Renovations 1977/78	430		430
- 8	Labour Intensive Projects 1978/79	665		665
- 9	Academic Theatre	4,560		4,560
-10	Public Works and Renovations 1979/80	2,075		2,075
-12	Public Works and Renovations 1980/81	1,000		1,000
-14	Public Works and Renovations 1981/82	1,885		1,885
-16	CBC Building	300		300
-17	Major Equipment 1981/82	750		750
-18	Public Works and Renovations 1982/83	1,600		1,600
-19	Public Works and Renovations 1983/84	720		720
-20	Public Works and Renovations 1984/85	700		700
-21	Public Works and Renovations 1985/86	810	(+810)[2]	810
	SUBTOTAL: UVic	30,621	(+810)[2]	30,621
	SYSTEM TOTAL	244,049	(+667)[2]	206,030

[1] B.C. Educational Institutions Capital Financing Authority.
[2] Figures in parentheses, included in the authorized borrowing total, represent amounts authorized in 1985/86.
Historical summary appears in Table 17.

TABLE 7

SPACE INVENTORY
1985/86

When non-assignable space (e.g., circulation aisles, washrooms, mechanical areas), residences, animal space, health science clinical facilities, etc., are excluded to enhance comparability for the purposes of the Universities Council, the space inventory of each university is as follows:

University	Net Assignable Square Feet	Percent
UBC	3,752,000	64.9
SFU	959,000	16.6
UVic	1,068,000	18.5
SYSTEM	5,779,000	100.0

AGE PROFILE (PERCENTAGE COMPOSITION)

Age (years)	UBC	SFU	UVic	SYSTEM
0– 9	12.7	29.6	30.8	18.9
10–19	35.8	25.5	43.2	35.5
20–29	26.5	44.9	18.6	28.1
30–39	12.6	0	0	8.2
40–49	3.4	0	7.4	3.6
50+	9.0	0	0	5.8
TOTAL	100.0	100.0	100.0	100.0

PROFILE BY SPACE CATEGORY (PERCENTAGE COMPOSITION)

Space Category	UBC	SFU	UVic	SYSTEM
Classroom Facilities	9.9	8.3	9.3	9.5
Laboratory — Undergraduate	13.5	16.2	17.0	14.6
— Research	19.3	12.9	7.7	16.1
Instructional Office and Related	16.7	16.9	15.5	16.5
Library and Study Facilities	13.7	12.6	16.7	14.0
Recreation/Athletic Space	5.7	7.4	7.7	6.4
Food Service	2.1	3.7	5.1	2.9
Bookstore and Other Merchandising	1.3	1.4	1.2	1.3
Plant Maintenance	2.0	1.8	2.2	2.0
Administrative Office and Related	7.9	6.4	7.3	7.6
Audio-Visual/Television Facilities	0.8	1.6	0.7	0.9
Central Services	1.3	2.5	1.8	1.6
Health Service Facilities	0.3	0.6	0.4	0.3
Common Use and Student Activity	3.0	3.5	3.6	3.2
Assembly and Exhibition	2.2	2.7	3.4	2.5
Day Care	0.4	1.4	0.3	0.6
TOTAL	100.0	100.0	100.0	100.0

TABLE 8.1

OPERATING GRANTS REQUESTED, RECOMMENDED AND PROVIDED

	1986/87[1]	1985/86	1984/85
GENERAL PURPOSE OPERATING GRANT	$	$	$
Requested by Universities	310,147,000	306,261,000	351,612,986
Recommended by Council	293,055,000	291,661,000	[4]
Provided by Government	271,645,850[2]	271,645,850[3]	285,943,000

[1] The budget submission of the institutions and Council's funding recommendation for 1986/87 are submitted in 1985. The provincial government's Estimates were tabled in the Legislature prior to March 31, 1986.

[2] In addition, the government announced in February 1986 the establishment of a three year Fund for Excellence in Education for all sectors of education with a first year appropriation of $110 million. For the universities, the Fund provides stability and allows them to undertake long range planning. As at 31 March 1986, the Ministry designated approved appropriations for the universities from the Fund amounted to $13.1 million and further appropriations were excepted early in 1986/87.

[3] In addition, a separate subvote, "University Adjustments Program", of $14,924,900 was included which provides a contribution to assist in program adjustments within and between universities, faculty renewal and for research and instruction in emerging and innovative high priority areas.

[4] The 1983/84 level of the grant ($300,993,292) plus an adjustment allowance for natural growth in enrolment and the application of a realistic inflation allowance.

DISTANCE EDUCATION AND OTHER OPERATING CONTRIBUTIONS

In addition to the assistance noted above, designated grants have been provided by the government. Figures prior to 1986/87 reflect actuals and have been restated for consistency with the current subvote structure for the Ministry of Post-Secondary Education appearing in the Estimates.

	1986/87	1985/86	1984/85
	$	$	$
DISTANCE EDUCATION			
Universities and the Open Learning Institute	4,620,756[1]	4,498,700	4,708,791
OTHER OPERATING CONTRIBUTIONS			
Early Termination Assistance			2,345,000
Engineering Education Expansion	[2]	2,000,000	2,000,000
Operating and Instructional Equipment	1,250,000	1,250,000	1,250,000
BALANCE			
Other Institutions, Activities, Projects and Contingencies	1,410,000	1,301,204	1,165,130
Knowledge Network of the West (KNOW) Operations[3]	3,656,000	2,863,550	2,550,000
COMBINED TOTALS	10,936,756	11,913,454	14,018,921

[1] Includes Open University Consortium of British Columbia.
[2] Separately provided from the Fund for Excellence in Education (FEE).
[3] Includes $809,000 for Colleges in 1986/87 (previously provided to KNOW through the Ministry of Education).

TABLE 8.2

OPERATING GRANTS BY INSTITUTION
FISCAL YEAR 1985/86

(with the two previous years' totals for comparison)

Total		UBC	SFU	UVic	OLI
$		$	$	$	$
271,645,850	GENERAL PURPOSE OPERATING GRANT	163,093,046	60,074,525	48,478,279	
	OPERATING CONTRIBUTIONS — OTHER				
	Ministry designated funds for:				
	University Distance Education[1]				
	Knowledge Network-led programs	250,000	250,000	250,000	
	Core programs	429,667	460,166	515,416	
	Contract obligations	167,000	160,578	139,900	
	Program development	38,300	27,000	18,673	25,000
	Open Learning Institute (university level programs)				1,767,000
4,498,700		884,967	897,744	923,989	1,792,000
2,000,000	Engineering Education Expansion	750,000	500,000	750,000	
1,250,000	Operating Equipment	750,000	275,000	225,000	
7,748,700		2,384,967	1,672,744	1,898,989	1,792,000
279,394,550	TOTALS 1985/86 [Excluding UAP]	165,478,013	61,747,269	50,377,268	1,792,000
	UNIVERSITY ADJUSTMENTS PROGRAM [UAP]				
	Council designated for:				
10,924,900	Faculty Adjustment	6,067,700	2,758,600	2,098,600	
1,000,000	Research Quality	750,000	150,000	100,000	
500,000	System Cooperation	256,317	123,042	120,641	
2,500,000	Engineering Education Expansion		550,000	1,950,000	
14,924,900		7,074,017	3,581,642	4,269,241	
294,319,450	TOTALS 1985/86 [including UAP]	172,552,030	65,328,911	54,646,509	1,792,000
296,246,791	TOTALS 1984/85	176,438,558	64,928,009	53,113,224	1,767,000
310,493,292	TOTALS 1983/84	183,196,247	68,323,050	57,113,995	1,860,000

[1] The Knowledge Network of the West received $2,863,550 (including $120,000 for the Knowledge West Communications Corporation) in 1985/86 from the Universities vote which, when added to the $4,498,700 in grants to the above institutions and $105,000 provided to the Open University Consortium of British Columbia (OUCBC), represents the total of $7,467,250 provided by the Ministry for Distance Education.

HISTORICAL SUMMARIES

TABLE 9

FALL HEADCOUNT ENROLMENT

Source: British Columbia Forecasting Committee (BCFC) and annual enrolment reports filed with UCBC

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
FULL TIME										
UBC	18,218	17,988	17,254	17,198	17,426	17,544	18,074	18,992	18,468	18,210
SFU	5,461	5,281	5,503	5,320	5,534	5,673	6,003	6,390	6,043	5,791
UVic	5,091	4,940	4,908	5,090	5,204	5,811	6,162	6,571	6,567	6,340
Undergraduate	28,770	28,209	27,665	27,608	28,164	29,028	30,239	31,953	31,078	30,341
UBC	2,161	2,120	2,067	2,270	2,353	2,447	2,614	2,811	2,710	2,860
SFU	717	659	705	809	855	849	986	1,096	1,124	1,066
UVic	279	262	337	382	425	448	564	629	556	585
Graduate	3,157	3,041	3,109	3,461	3,633	3,744	4,164	4,536	4,390	4,511
Total	31,927	31,250	30,774	31,069	31,797	32,772	34,403	36,489	35,468	34,852
PART TIME										
UBC	4,131	4,513	5,029	5,204	5,313	5,596	5,504	5,300	4,853	5,246
SFU	2,490	2,746	3,139	3,338	4,119	4,427	4,730	4,793	5,155	5,420
UVic	1,784	1,953	2,243	2,582	2,833	3,200	3,763	3,659	3,274	3,439
Undergraduate	8,405	9,212	10,411	11,124	12,265	13,223	13,997	13,752	13,282	14,105
UBC	757	852	1,005	1,025	1,087	1,064	1,117	1,214	1,286	1,005
SFU	276	330	355	313	366	475	477	400	380	381
UVic	306	252	258	308	416	489	464	490	364	362
Graduate	1,339	1,434	1,618	1,646	1,869	2,028	2,058	2,104	2,030	1,748
Total	9,744	10,646	12,029	12,770	14,134	15,251	16,055	15,856	15,312	15,853
TOTAL HEADCOUNT[1]	**41,671**	**41,896**	**42,803**	**43,839**	**45,931**	**48,023**	**50,458**	**52,345**	**50,780**	**50,705**

[1] Information for UBC and UVic reflects the enrolment status of students registered as at 1 December (1 November commencing 1984); for SFU the information is as at 1 October and covers students registered for the fall semester.

TABLE 10.1

FULL TIME EQUIVALENT ENROLMENT
ENTIRE FISCAL YEAR

Undergraduate and Graduate by Program of Registration

Source: Annual enrolment reports filed with UCBC.

	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85	85/86
UNDERGRADUATE										
General programs[1]	28,294	27,657	27,019	27,096	27,812	29,137	29,389	29,939	28,838	27,433
Professional programs	4,631	4,881	5,037	5,196	5,346	5,465	7,044[2]	7,692	7,407	8,072
Health Sciences	1,440	1,490	1,565	1,585	1,616	1,730	1,784	1,782	1,772	1,812
	34,365	34,028	33,621	33,877	34,774	36,332	38,217	39,413	38,017	37,317
Percent of Total	89.2	89.5	88.9	88.0	87.5	87.4	87.2	86.8	86.6	86.5
GRADUATE										
General programs	3,017	2,949	3,073	3,324	3,556	3,735	4,084	4,291	4,126	4,091
Professional programs	598	613	652	742	789	830	928	1,071	1,104	1,036
Health Sciences[3]	525	444	483	540	605	648	589	622	635	683
	4,140	4,006	4,208	4,606	4,950	5,213	5,601	5,984	5,865	5,810
Percent of Total	10.8	10.5	11.1	12.0	12.5	12.6	12.8	13.2	13.4	13.5
TOTAL										
General programs	31,311	30,606	30,092	30,420	31,368	32,872	33,473	34,230	32,964	31,524
Professional programs	5,229	5,494	5,689	5,938	6,135	6,295	7,972	8,763	8,511	9,108
Health Sciences	1,965	1,934	2,048	2,125	2,221	2,378	2,373	2,404	2,407	2,495
	38,505	**38,034**	**37,829**	**38,483**	**39,724**	**41,545**	**43,818**	**45,397**	**43,882**	**43,127**

[1] Figures include students registered in the BA degree program of the Open Learning Institute commencing with 79/80.

[2] Figure includes 1,424 FTE students registered in the Business Administration program at SFU. Prior to the establishment of the separate faculty of Business Administration at SFU in September 1982, the students registrations were included in general programs.

[3] Figures include medical residents and interns.

Detail for the latest fiscal year appears in Table 5.

TABLE 10.2

FULL-TIME EQUIVALENT ENROLMENT ENTIRE FISCAL YEAR

Undergraduate and Graduate by Institution

Source: Annual enrolment reports filed with UCBC.

	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85	85/86
UNDERGRADUATE										
UBC	20,700	20,569	19,952	19,836	19,937	20,207	20,753	21,470	20,552	20,325
SFU	7,538	7,468	7,624	7,521	8,011	8,377	9,011	9,175	8,912	8,686
UVic	6,127	5,991	6,045	6,384	6,607	7,284	7,904	8,223	8,058	7,772
	34,365	34,028	33,621	33,741	34,555	35,868	37,668	38,868	37,522	36,783
OLI				136	219	464	549	545	495	534
GRADUATE										
UBC[1]	2,976	2,923	2,990	3,256	3,470	3,644	3,829	4,056	3,996	4,040
SFU	778	712	771	843	886	937	1,055	1,137	1,153	1,124
UVic	386	371	447	507	594	632	717	791	716	646
	4,140	4,006	4,208	4,606	4,950	5,213	5,601	5,984	5,865	5,810
TOTAL										
UBC	23,676	23,492	22,942	23,092	23,407	23,851	24,582	25,526	24,548	24,365
SFU	8,316	8,180	8,395	8,364	8,897	9,314	10,066	10,312	10,065	9,810
UVic	6,513	6,362	6,492	6,891	7,201	7,916	8,621	9,014	8,774	8,418
	38,505	38,034	37,829	38,347	39,505	41,081	43,269	44,852	43,387	42,593
OLI				136	219	464	549	545	495	534
				38,483	**39,724**	**41,545**	**43,818**	**45,397**	**43,882**	**43,127**

[1] Graduate figures for UBC include medical residents and interns.
Detail for the latest fiscal year appears in Table 5.

TABLE 10.3

FULL TIME EQUIVALENT (FTE) ENROLMENT ENTIRE FISCAL YEAR

Unweighted and Weighted

Source: Enrolment information and reports filed with UCBC (see notes).

	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85	85/86
UNWEIGHTED FTE										
UBC	23,676	23,492	22,942	23,092	23,407	23,851	24,582	25,526	24,548	24,365
SFU	8,316	8,180	8,395	8,364	8,897	9,314	10,066	10,312	10,065	9,810
UVic	6,513	6,362	6,493	6,891	7,201	7,916	8,621	9,014	8,774	8,418
	38,505	38,034	37,829	38,347	39,505	41,081	43,269	44,852	43,387	42,593
OLI				136	219	464	549	545	495	534
				38,483	39,724	41,545	43,818	45,397	43,882	43,127
WEIGHTED FTE										
UBC	46,588	46,107	45,408	46,442	47,466	48,701	50,591	52,679	51,197	51,252
SFU	13,487	13,150	13,591	13,772	14,644	15,464	17,200	18,102	18,013	17,723
UVic	10,338	10,293	10,641	11,354	11,882	13,124	14,514	15,320	14,961	14,377
	70,413	69,550	69,640	71,568	73,992	77,289	82,305	86,101	84,171	83,352
OLI					(not applicable)					
Ratio Weighted to Unweighted FTE (System average excluding OLI)	**1.829**	**1.829**	**1.841**	**1.866**	**1.873**	**1.881**	**1.902**	**1.920**	**1.940**	**1.957**

Notes:

1. Weighted FTE figures reflect a UCBC system of differential program weights appropriately applied to each student's declared program of registration. The weights adjust, in a broad way, for programs which are more costly to provide.
2. Weighted FTE figures for SFU after 81/82 include the effect of a reclassification of arts students to commerce, coincident with the establishment of their Faculty of Business Administration in September 1982.
3. UBC figures include enrolments associated with the medical undergraduate expansion project, commencing with 78/79.

TABLE 11
DEGREES CONFERRED

Source: University reports filed with UCBC (see notes)

For academic year ending in:	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
UBC	4,321	4,528	4,642	4,605	4,373	4,438	4,546	4,776	4,944	5,274
SFU	996	1,106	1,153	1,297	1,352	1,332	1,377	1,612	1,644	1,927
UVic	1,019	1,173	1,089	1,137	1,237	1,357	1,564	1,612	1,682	1,813
TOTAL	**6,336**	**6,807**	**6,884**	**7,039**	**6,962**	**7,127**	**7,487**	**8,000**	**8,270**	**9,014**
BACHELOR AND FIRST PROFESSIONAL										
UBC	3,652	3,825	3,885	3,853	3,625	3,635	3,679	3,882	3,960	4,200
SFU	815	931	1,004	1,081	1,177	1,186	1,164	1,374	1,389	1,609
UVic	894	1,054	970	1,006	1,048	1,165	1,314	1,375	1,406	1,555
	5,361	5,810	5,859	5,940	5,850	5,986	6,157	6,631	6,755	7,364
MASTER										
UBC	537	566	605	608	606	673	748	760	838	915
SFU	157	161	128	184	154	121	191	208	218	279
UVic	120	109	109	121	182	174	238	224	264	238
	814	836	842	913	942	968	1,177	1,192	1,320	1,432
DOCTORATE										
UBC	132	137	152	144	142	130	119	134	146	159
SFU	24	14	21	32	21	25	22	30	37	39
UVic	5	10	10	10	7	18	12	13	12	20
	161	161	183	186	170	173	153	177	195	218

Figures have been restated to reflect a reclassification of Library Science and Archival Studies degrees as first professional; previously included as Master.

Notes:

1. Annual figures cover the spring, and where applicable, the previous fall convocations.
2. Figures exclude diplomas and certificates, except the diploma in Dental Hygiene.
3. Master and Doctorate degrees generally relate to students registered in the Faculties of Graduate Studies; Doctor of Dental Medicine (D.M.D.) and Doctor of Medicine (M.D.) degrees are included as first professional degrees, along with degrees in Library Science and Archival Studies.

Detail for the latest year appears in Table 2.

TABLE 12

RESEARCH AWARDS

Source: University reports filed with UCBC.

Fiscal year:	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85	85/86
BY FUNDING SOURCE									
National Granting Councils	14,309	16,724	18,927	23,615	26,721	34,517	37,276	46,213	46,646
Other Federal Agencies	3,102	3,935	4,588	4,575	6,521	6,283	8,183	8,143	7,553
Provincial and Local Governments	1,284	2,531	6,256	9,943	11,290	6,274	5,417	5,653	5,825
Canadian Companies and Foundations	4,883	5,254	5,234	6,605	8,323	7,853	9,692	11,856	13,446
U.S. and Other Foreign	1,252	1,828	2,043	2,227	2,033	2,343	1,829	3,176	3,558
University Budget	780	1,165	1,490	1,741	2,007	1,313	1,065	1,666	1,599
Total ($,000)	25,610	31,437	38,538	48,706	56,895	58,583	63,462	76,707	78,627
BY DISCIPLINE									
Natural Sciences	10,414	13,277	16,212	20,011	22,576	24,441	24,161	29,755	29,963
Health Sciences	6,873	8,153	10,177	12,429	15,185	15,665	19,762	22,544	23,707
Applied Sciences	4,080	4,772	5,749	9,074	10,532	10,350	11,111	14,208	14,382
Social Sciences	3,770	4,738	5,642	5,851	6,962	6,671	7,216	7,998	8,095
Humanities	473	450	586	951	1,246	1,353	858	1,317	1,276
Other			172	390	394	103	354	885	1,204
Total ($,000)	25,610	31,437	38,538	48,706	56,895	58,583	63,462	76,707	78,627
BY UNIVERSITY									
University of British Columbia	21,073	25,871	31,311	39,326	44,931	46,992	50,540	61,226	63,232
Simon Fraser University	2,617	3,264	4,096	5,259	7,003	6,779	7,374	7,987	8,126
University of Victoria	1,920	2,302	3,131	4,121	4,961	4,812	5,548	7,494	7,269
Total ($,000)	25,610	31,437	38,538	48,706	56,895	58,583	63,462	76,707	78,627

Notes:

[1] The above total may not agree with those previously reported due to the late inclusion of corrected figures.

[2] The other discipline category was introduced in 79/80 to accommodate the reporting of general research grants. Natural Science figures for 79/80 have been restated to include grants for TRIUMF, initially included as Other.

Detail for the latest fiscal year appears in Table 3.

TABLE 13

GENERAL PURPOSE OPERATING GRANT: REQUESTS AND ALLOCATIONS

Fiscal year:	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85[3]	85/86
GRANT REQUEST (BY UNIVERSITIES)										
UBC	127,708,689	129,804,130	135,025,330	134,226,633	152,147,771	169,214,750	212,711,874[2]	231,528,697	221,932,607	183,974,000
SFU	44,427,000	46,764,000	41,546,000	51,256,000	59,932,613	64,202,676	73,145,183	81,393,249	70,664,717	67,687,000
UVic	35,947,018	36,934,255	37,953,155	40,259,267	42,334,153	49,793,002	59,207,040	63,443,522	59,015,662	54,600,000
TOTAL $	208,082,707	213,502,385	222,524,485	225,741,900	254,414,537	283,210,428	345,064,097	376,365,468	351,612,986	306,261,000
GRANT APPROVED/ ALLOCATED										
UBC	103,920,766	111,315,322	122,286,000	131,831,768	143,323,783	161,781,475	180,712,913[2]	180,712,913	171,676,891	163,093,046
SFU	37,738,520	41,234,407	44,131,000	48,522,954	54,317,986	61,324,884	66,564,717	66,564,717	63,236,342	60,074,525
UVic	28,740,714	31,950,271	34,161,000	36,871,075	41,970,156	48,606,401	53,715,662	53,715,662	51,029,767	48,478,279
TOTAL $	170,400,000	184,500,000	200,578,000	217,225,797	239,611,925	271,712,760	300,993,292[1]	300,993,292	285,943,000	271,645,850
% ALLOCATED OF REQUEST	%	%	%	%	%	%	%	%	%	%
	81.9	86.4	90.8	96.2	94.2	95.9	87.2	80.0	76.1	88.7
UBC	81.4	85.8	91.4	98.2	94.2	95.6	85.0	78.1	77.4	88.7
SFU	84.9	88.2	89.7	94.7	90.6	95.5	91.0	75.5	89.5	88.8
UVic	79.9	86.5	90.0	91.6	99.7	97.6	90.7	84.7	86.5	88.8
% OF TOTAL ALLOCATED										
UBC	61.0	60.3	61.0	60.7	59.8	59.5	60.0	60.0	60.0	60.0
SFU	22.1	22.4	22.0	22.3	22.7	22.6	22.1	22.1	22.1	22.1
UVic	16.9	17.3	17.0	17.0	17.5	17.9	17.9	17.9	17.9	17.9

[1] Grant figures for 82/83 are after the grant reduction of $12 million.

[2] Restated to include medical undergraduate expansion project: request $12,759,870; funding $8,342,405.
The grant for the medical undergraduate expansion project at UBC is *excluded* prior to 1982/83.

[3] The lateness of the Government Estimates for 1983/84 (August) necessitated some modification by the universities in their approach to their request for 1984/85. The requests for SFU and UVic have been developed from preliminary summary information filed in the absence of grant funding levels and consequently may not be as comprehensive as would otherwise arise from the continuation of past arrangements.

TABLE 14

UNIVERSITY OPERATING GRANTS AND GRANT PER WEIGHTED FTE STUDENT

(Constant 1985 Dollars)

Fiscal year (Note)	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85	85/86
GENERAL PURPOSE OPERATING GRANT ($,000)	170,400	184,500	200,578	217,226	239,612	271,712	300,993	300,993	285,943	271,646
UNIVERSITY ADJUSTMENTS PROGRAM										14,925
OPERATING CONTRIBUTIONS OTHER										
Medical expansion project		337	1,399	1,371	3,000	8,248				
Non-metropolitan programs	200	1,299	1,763	2,535	1,000	3,807	3,714	2,500	2,300	
Knowledge Network utilization						360	450	450	450	
David Thompson University Centre (UVic courses)				354	400	649	725	690	192	
University Distance Education										2,706
Early termination									2,345	
Engineering education expansion						1,500	2,000	2,750	2,000	2,000
Operating equipment[1]		1,600[1]	2,000[1]	3,700[1]	3,000[1]	3,000[1]	2,000[1]	1,250	1,250	1,250
TOTAL GRANTS (Historical $,000)	170,600	187,736	205,740	225,186	247,012	289,276	309,882	308,633	294,480	292,527
Consumer Price Index (Vancouver) - July	[64.7]	[69.2]	[74.8]	[80.5]	[88.0]	[100.5]	[111.2]	[117.6]	[122.0]	[125.6]
TOTAL GRANTS (1985 $)	331,180	340,746	345,467	351,346	352,553	361,523	350,011	329,628	303,170	292,527
WEIGHTED FTE STUDENTS	70,413	69,550	69,640	71,568	73,992	77,289	82,305	86,101	84,171	83,352
GRANTS PER WEIGHTED FTE STUDENT (Constant 1985 $)	**4,703**	**4,899**	**4,961**	**4,909**	**4,765**	**4,678**	**4,253**	**3,828**	**3,602**	**3,510**
Index 76/77 = 100	**100.0**	**104.2**	**105.5**	**104.4**	**101.3**	**99.5**	**90.4**	**81.4**	**76.6**	**74.6**

Note:
Figures for 1982/83 and prior years have been restated for consistency with the 1983/84 and subsequent year's presentation.
[1] Prior to 1983/84, funding was provided through the Capital Support subvote.
Figures include the three public universities.

TABLE 15

UNIVERSITY GENERAL PURPOSE OPERATING FUNDS

Source: University Audited Financial Statements (see notes)

Fiscal year	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85	85/86 (Note 5)
UBC	119,049	128,627	142,204	153,291	168,212	197,399	214,016	216,102	214,945	214,523
SFU	41,926	46,000	49,720	54,749	61,695	70,764	78,488	79,210	77,722	79,324
UVic	32,203	36,024	38,553	42,315	47,986	57,022	63,967	66,580	65,907	68,375
TOTAL ($,000)	193,178	210,651	230,477	250,355	277,893	325,185	356,471	361,892	358,574	362,222
SOURCE OF FUNDS										
(Amount)										
Operating Grants	170,400	184,500	201,977	218,597	242,321	280,011	302,894	303,784	290,302	288,703
Student Fees	19,564	23,469	24,633	25,571	28,439	33,185	43,159	49,779	59,521	64,594
Investment Income	2,674	2,163	3,219	5,588	6,318	11,146	8,985	6,561	7,073	6,465
Miscellaneous	540	519	648	599	815	843	1,433	1,768	1,678	2,460
TOTAL ($,000)	193,178	210,651	230,477	250,355	277,893	325,185	356,471	361,892	358,574	362,222
(Percentage)	%	%	%	%	%	%	%	%	%	%
Operating Grants	88.2	87.6	87.6	87.3	87.2	86.1	85.0	83.9	80.9	79.7
Student Fees	10.1	11.1	10.7	10.3	10.2	10.2	12.1	13.8	16.6	17.8
Investment Income	1.4	1.0	1.4	2.2	2.3	3.4	2.5	1.8	2.0	1.8
Miscellaneous	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.5	0.5	0.7
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Notes:

1. Since 1979/80, services revenues have been reported as an expense reduction or recovery rather than as a source of revenue. For reporting consistency, figures prior to 1979/80 have been restated to remove services revenues. UVic miscellaneous and student fee figures prior to 1979/80 have also been restated for consistency.
2. UBC audit statement figures for 1981/82 and 1982/83 have been restated to include continuing education and related university extension activities. Figures for 1982/83 and prior years to 1978/79 have also been restated to include funding for the medical undergraduate expansion project.
3. Student fees include amounts for credit courses, continuing education programs, seminars and university extension activities to the extent they are included in general purpose operating funds.
4. Amounts reported are before interfund transfers.
5. Operating grant figures include 1985/86 University Adjustments Program appropriations ($14.9 million) plus the designated funds for Engineering Education Expansion ($2.0 million); prior years figures have been restated back to 1982/83for Engineering, and accordingly amounts will differ from audit statement totals.

TABLE 16

INTERPROVINCIAL COMPARISONS

(Selected Indicators)

Source: Interprovincial Comparisons of University Financing[1]

	74/75	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84
PROVINCIAL OPERATING GRANTS PER STUDENT (Indicator A) (Note 2)										
British Columbia ($)	3,029	3,577	4,049	4,521	5,025	5,337	5,683	6,433	6,402	6,072
Canada ($)	2,871	3,322	3,687	4,097	4,455	4,840	5,155	5,480	5,639	5,629
British Columbia's rank among ten provinces (from highest)	4th	4th	4th	3rd	3rd	3rd	4th	2nd	3rd	4th
British Columbia's statistics expressed relative to Canada = 100	105	108	110	110	113	110	110	117	114	108
PROVINCIAL OPERATING GRANTS PLUS STUDENT AID AS A PERCENTAGE OF GROSS GENERAL (GOVERNMENT) EXPENDITURES (Indicator B) (Note 3)										
British Columbia (%)	4.87	4.64	5.08	5.01	5.01	4.73	4.30	4.30	4.15	3.91
Canada (%)	4.99	5.01	5.00	5.01	4.87	4.65	4.55	4.36	4.10	3.99
British Columbia's rank among ten provinces (from highest)	6th	7th	4th	3rd	3rd	5th	7th	5th	5th	5th
British Columbia's statistics expressed relative to Canada = 100	98	93	102	100	103	102	95	99	101	98
PROVINCIAL OPERATING GRANTS PER $1000 OF PROVINCIAL PERSONAL INCOME (Indicator C)										
British Columbia ($)	9.78	10.68	10.72	10.70	10.57	9.91	9.41	9.39	9.24	8.70
Canada ($)	11.24	11.86	11.82	11.96	11.64	11.25	10.98	10.38	10.34	10.14
British Columbia's rank among ten provinces (from highest)	9th	9th	9th	9th	9th	9th	9th	9th	9th	9th
British Columbia's statistics expressed relative to Canada = 100	87	90	91	89	91	88	86	90	89	86

[1] Seventh Report of the Tripartite Committee on Interprovincial Comparisons, April 1986: Indicators 1, 6 and 7.

Notes:

1. The figures for British Columbia also include data from the colleges for university transfer programs.
2. With the recent trends in the provincial grant support, the provincial operating grants per student for British Columbia is expected to move closer to the Canada figure in subsequent years.
3. Since expenditures of special funds are often treated differently in the various provincial public accounts, the Gross General Expenditure as developed by Statistics Canada has been used to make provincial government expenditure data comparable among provinces.

TABLE 17

AUTHORIZED UNIVERSITY CAPITAL BORROWINGS

In 1977/78, the provincial government introduced a system of debenture financing of university capital projects, largely replacing the previous system of cash grants. Most university capital projects are now being financed with money borrowed from the British Columbia Educational Institutions Capital Financing Authority (BCEICFA) over a twenty year term.
Under the Capital Financing Authority system, borrowing for a project is usually authorized in two stages: a planning stage and a construction stage. Hence the authorized borrowing for a project may, for a time, be well below the estimated final cost.

CUMULATIVE TOTALS:	MARCH 1980	1981	1982	1983	1984	1985	1986	1986 PERCENT
SYSTEM ($,000)								
Estimated Costs	128,420	166,027	215,693	234,701	250,033	238,694	244,049	
Authorized Borrowings	115,115	134,625	179,282	186,753	196,443	205,363	206,030	100.0%
BY UNIVERSITY:								
UBC								
Estimated Cost	78,710	99,301	126,325	133,969	147,719	150,163	153,590	
Authorized Borrowings	66,230	80,282	106,719	110,809	118,917	127,057	125,796	61.1%
SFU								
Estimated Cost	26,254	35,270	54,977	57,058	57,920	58,720	59,838	
Authorized Borrowings	25,429	29,467	44,752	46,833	47,695	48,495	49,613	24.1%
UVic								
Estimated Cost	23,456	31,456	34,391	43,674	44,394	29,811	30,621	
Authorized Borrowings	23,456	24,876	27,811	29,111	29,831	29,811	30,621	14.8%

Notes:

1. Refer to Table 6 for detail by project for each university.
2. Prior to 1983, some late borrowing authorizations are not reported until the subsequent year.
3. Decrease in UVic "estimated cost" in 1985 is due mainly to the Science and Engineering building receiving funds from another source.

TABLE 18.1

UNIVERSITY EXPENDITURES: TOTALS BY EXPENDABLE FUND CLASSIFICATION

British Columbia Universities
Ten Year Summary
(with latest Canada totals for comparison)

Source: Statistics Canada: Financial Statistics of Universities and Colleges

	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85	CANADA 84/85
AMOUNT ($,000)											
General Operating	172,689	190,727	206,448	223,466	244,779	277,420	307,601	346,488	356,204	358,887	4,186,425
Special Purpose & Trust	8,452	9,150	11,983	14,000	14,960	20,517	26,485	32,036	24,046	25,748	199,823
Sponsored Research	20,461	20,759	25,207	28,135	34,913	41,956	51,450	56,945	63,584	75,118	824,823
SUB-TOTAL	201,602	220,636	243,638	265,601	294,652	339,893	385,536	435,469	443,834	459,753	5,211,071
Ancillary Enterprises	17,013	17,795	19,372	21,409	24,316	28,686	32,977	36,042	40,129	41,849	479,412
Plant	27,153	16,530	22,097	24,782	29,978	54,322	62,737	53,000	44,128	36,393	355,298
EXPENDABLE FUNDS	245,768	254,961	285,107	311,792	348,946	422,901	481,250	524,511	528,091	537,995	6,045,781
PERCENT [OF SUB-TOTAL]											
General Operating	85.7	86.5	84.7	84.1	83.1	81.6	79.8	79.6	80.3	78.1	80.4
Special Purpose & Trust	4.2	4.1	4.9	5.3	5.1	6.0	6.9	7.3	5.4	5.6	3.8
Sponsored Research	10.1	9.4	10.4	10.6	11.8	12.4	13.3	13.1	14.3	16.3	15.8
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ancillary Enterprises	8.4	8.1	8.0	8.1	8.3	8.4	8.6	8.3	9.0	9.1	9.2
Plant	13.5	7.5	9.1	9.3	10.2	16.0	16.3	12.2	9.9	7.9	6.8

Notes:

1. This trend analysis draws on financial information provided through the annual survey of member institutions of the Canadian Association of University Business Officers (CAUBO) and published in the Financial Statistics of Universities and Colleges. Summary information appears for all expendable funds to provide an indication of the overall level of university activities and expenditures.
2. Prior to 1983/84 the UBC medical undergraduate expansion project is *excluded* from general operating funds and reported with special purpose and trust. In 1982/83 these expenditures exceeded $8 million.
3. Refer to table 18.2 for amplification of general operating expenditures by functional activity.

TABLE 18.2

UNIVERSITY EXPENDITURES: GENERAL OPERATING BY FUNCTIONAL ACTIVITY

British Columbia Universities
(with latest Canada totals for comparison)

Source: Statistics Canada: Financial Statistics of Universities and Colleges

	77/78	78/79	79/80	80/81	81/82	82/83	83/84	84/85	CANADA 84/85
AMOUNT ($,000)									
Instruction and non-sponsored research	137,318	149,023	163,983	184,225	207,418	231,110	241,921	235,274	2,753,117
Library	17,310	17,920	19,419	22,403	24,434	27,129	28,554	28,297	278,711
Computing	6,986	7,399	9,732	11,721	10,817	12,082	11,482	14,577	141,501
Administration & general	12,370	13,716	15,334	17,161	19,327	21,269	21,366	23,415	344,693
Physical plant	25,158	27,902	28,259	32,742	35,374	40,963	39,505	43,275	552,692
Student services	7,306	7,506	8,052	9,168	10,231	13,935	13,376	14,049	115,711
GENERAL OPERATING	206,448	223,466	244,779	277,420	307,601	346,488	356,204	358,887	4,186,425
PERCENT									
Instruction and non-sponsored research	66.5	66.6	66.9	66.4	67.4	66.7	67.9	65.5	65.8
Library	8.4	8.0	7.9	8.0	7.9	7.8	8.0	7.9	6.6
Computing	3.4	3.3	4.0	4.2	3.5	3.5	3.2	4.1	3.4
Administration & general	6.0	6.2	6.3	6.3	6.3	6.2	6.0	6.5	8.2
Physical plant	12.2	12.5	11.5	11.8	11.5	11.8	11.1	12.1	13.2
Student services	3.5	3.4	3.3	3.3	3.3	4.0	3.8	3.9	2.8
GENERAL OPERATING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Notes:

1. This trend analysis draws on financial information provided through the annual survey of member institutions of the Canadian Association of University Business Officers (CAUBO) and published in the Financial Statistics of Universities and Colleges. The general operating fund above essentially parallels the general purpose operating fund categorization in the B.C. universities' audited financial statements.
2. Prior to 1977/78, the above functional breakdown of operating expenditures is not available since published figures also include trust funds.
3. Prior to 1983/84 the UBC medical undergraduate expansion project is *excluded* from general operating funds and reported with special purpose and trust. In 1982/83 these expenditures exceeded $8 million.

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